SJVDP LIBRARY 6033

PHASE I BASELINE REPORT AND APPENDICES

September 1990

Prepared for the
San Joaquin Valley Drainage Program
2800 Cottage Way, W–2143
Sacramento CA 95825

This report presents the results of a study conducted for the Federal-State Interagency San Joaquin Valley Drainage Program. The purpose of the report is to provide the Drainage Program agencies with information for consideration in developing alternatives for agricultural drainage water management. Publication of any findings or recommendations in this report should not be construed as representing the concurrence of the Program agencies. Also, mention of trade names or commercial products does not constitute agency endorsement or recommendation.

The San Joaquin Valley Drainage Program was established in mid-1984 as a cooperative effort of the U.S. Bureau of Reclamation, U.S. Fish and Wildlife Service, U.S. Geological Survey, California Department of Fish and Game, and California Department of Water Resources. The purposes of the Program are to investigate the problems associated with the drainage of irrigated agricultural lands in the San Joaquin Valley and to formulate, evaluate, and recommend alternatives for the immediate and long-term management of those problems. Consistent with these purposes, Program objectives address the following key areas: (1) Public health, (2) surface- and groundwater resources, (3) agricultural productivity, and (4) fish and wildlife resources.

Inquiries concerning the San Joaquin Valley Drainage Program may be directed to:

San Joaquin Valley Drainage Program
2800 Cottage Way, Room W-2143
Sacramento, California 95825-1898

PHASE I BASELINE REPORT AND APPENDICES

Prepared for the
San Joaquin Valley Drainage Program
2800 Cottage Way, Room W–2143
Sacramento CA

By
Strong Associates

September 1990

PHASE I

TABLE OF CONTENTS

INTRODUCTION 1

GENERAL METHODOLOGY, DATA, AND ANALYTICAL MODELS 2

POPULATION 4

AGRICULTURAL DELINEATIONS 5

Acreage by crop by Sub-area 5

Acreage by Crop by County 5

Value per Acre 6

BASELINE PRIVATE SECTOR ECONOMY 6

Agricultural acreage, commodity sales, personal income, retail sales, and property values 6

Employment 7

Housing, education, and housing values 8

BASELINE PUBLIC SECTOR IMPACTS 10

COMPARISON OF THE BASELINE AREA'S PUBLIC SECTOR REVENUES TO THOSE OF THE TOTAL AREA 10

PHASE I

INTRODUCTION

This is phase one of a two-phased study for the San Joaquin Valley Drainage Program (SJVDP) designed to develop economic and demographic information for the 61 cities, 7 counties, and numerous unincorporated communities within the five sub-areas of the SJVDP study area. The five sub-areas include portions of seven counties in the San Joaquin Valley.

These estimates describe the "baseline" study area which connotes Phase I of this study. Phase II is the analysis of the consequences of alternative resource use options which can then be traced as they evolve and differ from the baseline area's characteristics.

Data for the baseline analysis were taken from primary and secondary sources. Interviews were also conducted to identify and disaggregate by county the sub-area crop acreage provided by the SJVDP from its Westside Agricultural Drainage Economics (WADE) model, and to reassemble all crop acreage into groupings useful for input-output and public sector analysis. Many professional judgements were rendered during this disaggregation and integration process. The results are described or illustrated in the following text, tables, and appendices.

The first phase of the study describes selected agricultural aspects of the study area as it functioned 1986/87. Population estimates conformed as closely to those years as possible. Farmgate values of production per acre were estimated for the total crop acreage using analysis which incorporated the IMPLAN input-output model. These values, derived from the crop acres, generate direct and indirect population estimates and economic impacts on county residents. Estimates also include: commodity sales, personal income, retail sales, employment, commercial property values, housing and residential property values.

GENERAL METHODOLOGY, DATA, AND ANALYTICAL MODELS

The usefulness of any analysis to policy makers is usually increased if the effects of potential alternatives to the status quo are presented in a straightforward manner. This allows for an "if-then" analytical format to identify and compare the consequences of changes in resource use resulting from an alternative option or from any other desired measureable source.

Several analytical techniques were considered for this study. Case studies and comparable city/area analysis were ruled out as not being useful to the current study. Rather an input-output model was chosen so that the economic consequences of changes in resource use associated with specific drainage alternatives in selected geographic areas could be estimated. There were several models to choose from in selecting the most appropriate one. One clear criterion was to choose a model which could measure the economic impacts at county, regional and/or statewide levels. Current I-O models lending themselves to this criterion include:

1) regional models derived from Department of Water Resources (DWR) Bulletin 210, and published materials in a series by Goldman and O'Regan (1983);

2) county models developed from the regional models obtainable from DWR Bulletin 210;

3) new models constructed from primary data; and

4) IMPLAN-generated models which are based on national data.

Constructing new models was judged to be both too expensive and too time-consuming. Using regional models from the DWR publication would not give the desired specificity of economic consequences that was required. Constructing county models from the regional models (once they were obtained) would again be too expensive and time-consuming. Therefore, the use of IMPLAN models was chosen as the best alternataive for achieving the objectives of this study within the budget and time constraints established for it.

The IMPLAN analytical model estimates private sector impacts to housing, employment, personal income, and other selected socio-economic factors. Coupled to that is a local government fiscal model which estimates changes in levels of county expenditures and revenues associated with each of the seven counties in the study area.

Secondary data are the main source of quantitative input for this study. They were used to establish the quantitative foundation for the "baseline" position, i.e., the current agricultural land use situation (1986/87), from which economic impacts of alternative drainage proposals could be identified. Sources of this information included the U.S. Bureau of Reclamation, Agricultural Commissioner Reports for the counties affected, county budgets, and selected additional information sources. All sources are identified in appropriate tables or text. Budgetary data used in the public sector analysis were obtained from county assessor's reports and personal interviews.

The general methodology was to (1) derive the basic county agricultural data; (2) estimate the proportion of total county land area occupied by the various cells of the SJVDP-supplied WADE model; and (3) calculate and aggregate proportionate shares of the economic consequences to the relevant cells throughout the entire study area.

Initial agricultural acreage estimated for the five sub-areas from the WADE model was 2,468,743 acres (Tables 2 and 3). However, when the WADE model crossover table provided by the SJVDP was used to allocate sub-area acreage to the seven counties, the acreage finally involved amounted to 2,091,579 acres. This lower acreage estimate remained the basis for analysis and was consistent throughout the entire study including the identification of cropping patterns and the apportionment of crops grown on that acreage.

POPULATION

The 1988 population of the seven counties containing the study area was approximately 2,457,100 people (Table 1). The largest county, Fresno, had about 606,000 people; the smallest, Kings, had some 92,000 people. Most of the population was fairly well distributed along the northwest-to-southeast line of California State Highway 99 extending through the study area. Total population in San Joaquin and Stanislaus Counties at the northern end of the study area is balanced by that in Tulare and Kern Counties at the southern end. Fresno County is the largest, is located centrally among the other study area counties, and has long been a recognized hub of the commercial agricultural activity in the entire San Joaquin Valley.

Just over one-third of the population in the seven-county study area lives in unincorporated areas. Fresno County has the highest proportion of people living in incorporated cities (73 percent). San Joaquin and Stanislaus Counties follow with over two-thirds of their population living in incorporated cities. Tulare and Kern Counties, on the other hand, have about half of their population living in incorporated cities and half living in unincorporated areas.

AGRICULTURAL DELINEATIONS

Acreage by crop by Sub-area

In 1988/89, row crop acreage was more than half (53 percent) of all the agricultural land tilled in the study area (Table 3a). Other major crop categories included: grain (15 percent), alfalfa hay and irrigated pasture (14 percent), tree fruit and nuts (9 percent), and vegetables (6 percent).

Acreage by Crop by County

Distribution of effective farming acreage among the counties within the study area (Table 3b) indicates that Tulare, Stanislaus, and San Joaquin Counties would be relatively minor participants in the outcomes of any major change in the development or use of irrigation water. On the other hand, Merced, Fresno, Kings, and Kern Counties would experience major economic impacts from either a severe reduction of available irrigation water or the adoption of significant irrigation drainage water anti-pollution requirements. The impacts thus would be felt more heavily toward the southern end of the Valley than the northern end which is closer to the Delta.

Interim calculations for Tables 3a and 3b are found in Appendix Tables 2 and 3, which convert WADE cell data provided by the SJVDP into county designations by major crop category. This information was then aggregated back into the five drainage sub-areas. Appendix Table 4 shows how WADE cell acreage data were converted into categories obtained from the County Agricultural Commissioner Reports. These conversion estimates were assisted with interviews with appropriate Cooperative Extension Farm Advisors in the counties involved. Appendix Tables 5 and 6 show the conversion and integration of the previous calculations into categories useful for input-output analysis through IMPLAN. Major crop categories are converted from Appendix Table 5 data into the operational crop categories of Appendix Table 6 by counties for IMPLAN model analysis.

Value per Acre

Values per acre by county, by IMPLAN category number, and by crop are shown in Table 4. These are the base values used in the following sections whenever those data are mentioned.

Appendix Table 7 contains the calculations needed to convert Agricultural Commissioner Report data to the weighted values per acre for IMPLAN analysis.

Table 4 shows that in all seven counties, IMPLAN sectors number 16, 17, and 18 (fruit, tree nuts, and vegetables respectively) carry the highest values per acre. Thus, although these crops are not the dominant acreages for either the sub-areas or the counties, they account for the highest valued crops raised in the study area, and are significant to the area's economy.

BASELINE PRIVATE SECTOR ECONOMY

Agricultural acreage, commodity sales, personal income, retail sales, and property values

On average, the two million agricultural acres in the study area each generate slightly over $1,000 in sales, for a total direct commodity sales of just over two billion dollars (Table 5 and Appendix Tables 8-12). Indirect and induced sales attributable to these direct sales amounted to somewhat more than another one and a half billion dollars. Total direct and indirect sales associated with this agricultural acreage was thus approximately $3.6 billion in 1986/87.

The range of weighted sales per acre went from a high of $1,230 in Kern County to a low of $787 in Stanislaus. However, Fresno led in total sales because while weighted sales per acre were higher for Kern than Fresno, Fresno had more acres involved.

Personal income generated through IMPLAN multipliers from these sales was almost $680 million (Table 5). Only about 41 percent of that total ($279.9 million) was attributed to direct sales, while $399.5 million was attributable to indirect sales and induced gains in personal income. Kern County led Fresno in the category of direct personal income resulting from these sales, but due to all the processing, transportation, and other input facilities and services located in the Fresno area, Fresno County surpassed Kern in total indirect sales plus induced personal income.

Commercial property values directly affected by agricultural activity amounted to just under $2.7 billion, about 78 percent of the total $3.467 billion. The direct property value represents the agricultural land value. The residual 22 percent of property value is attributed to agriculturally-related businesses that rely on agricultural activity.

Employment

The direct employment impact from agricultural sales amounted to about 42,000 full time equivalent (FTE) jobs; indirect and induced employment impacts added another 30,700 workers for a total of over 73,000 new positions (Table 6).

Kern County led Fresno in total agriculture-related employment due primarily to the kinds of crops it grows, namely more row crops and vegetables. However, it would take only slight changes in commodity cost/price ratios to shift this balance from their 1986/87 levels. Besides commodity prices, severe restrictions on water supplies or changes in land use could be the impetus for a change in these ratios.

Housing, education, and housing values

Direct population resulting from agricultural activity in the study area was estimated at about 113,000 people (Table 5). The indirect and induced effect of these people brought another 80,000 people into the area, for a total of over 193,000 people.

The direct influence of the agricultural sales would account for the building of almost 40,000 homes, with another 28,000 created as a result of indirect and induced economic activity. Based on a statewide student-to-household ratio (developed from county and state planning agencies) of 0.7 students per household (Table 5), an estimated 47,000 K-12 students had to be accommodated by the educational system in the seven counties as a result of agricultural activity.

The average value per household for each county was determined from State Department of Finance estimates, and this value was applied to all direct and indirect housing generated by agricultural sales. Based on interviews with County Assessors and reviews of their data, direct housing values were estimated to have a 25 percent lower average value because of their predominantly rural location and lower market-valued farmworker housing. Residential property values were calculated by multiplying the number of direct and indirect/induced households by the estimated per household value for each. In all, the combined direct and indirect and induced residential total housing property value is estimated at $3.6 billion (Table 6).

The private sector impacts from the agricultural sales are summarized in Tables 6 and 7, with percentage comparisons by county shown in Table 7.

The numbers result directly from using the previously tabulated agricultural data in the IMPLAN model. Appendix Table 13 is the primary background source for information in text Tables 6 and 7.

Of critical importance in Table 8 are the assumptions concerning the distribution of private sector impacts from agricultural sales. These assumptions concern the percentage of impacts going directly to the cities in the drainage study area, to cities outside the drainage area, and to unincorporated areas. The distribution percentages are based on the study area as it relates to the rest of the county. Percentage distributions of public sector revenues are summarized in Table 9.

Table 8 shows that of the direct economic impacts going to incorporated areas, the majority went to cities within the study area. The exceptions were Tulare and Kern Counties, where the major economic consequences went to cities outside the study area. All seven counties contained all of the direct consequences allocated to their unincorporated areas.

Conversely, in all study area counties but one (Kings) the economic effects of indirect impacts went to cities outside the study area. Only a small proportion of the indirect impacts were allocated to unincorporated areas of the seven counties.

These allocations (Table 8) were made only after consultation with county officials and study area agriculturists, and after debates among study team members. Differences in allocation of the impacts depended upon many factors, the major ones being the structure of agricultural production units in the area, the nature of raw product processing facilities, shipping patterns, and established employment opportunities. Of prime importance overall was the number of study area acres within each county.

BASELINE PUBLIC SECTOR IMPACTS

The private sector agricultural economy described above and in Table 8 generates revenues to various local jurisdictions which translate into public sector impacts. City and county impacts are analyzed for each county, and these can then be combined to show public sector analysis for the entire study area. Impacts of public revenues generated to the study area cities and counties are summarized in Tables 9 and 10. Appendix Tables 14-18 contain the detailed worksheets supporting the text Tables.

Property taxes and sales taxes are clearly the major generators of public revenue (Table 9). These monies are then allocated to various funds by the jurisdictions involved, the main one for both city and county jurisdictions being their General Funds account. In general, property taxes are significant both to cities and to the unincorporated areas of each county. Sales taxes are particularly important for city revenue generation (Table 9). In addition to the General Fund, property tax revenues are also allocated to county library, fire, flood control, education, and other special fund categories not shown specifically in this report.

The principal sources of additional public revenues are other taxes, fees, and subvention revenues. For all jurisdictions, road fund revenues are generated primarily from per person average gas tax subventions. These baseline public sector impacts are detailed in Appendix Tables 14-18.

COMPARISON OF THE BASELINE AREA'S PUBLIC SECTOR REVENUES TO THOSE OF THE TOTAL AREA

Table 10 summarizes the total public sector revenue contributions to all seven counties and their cities, whether in or out of the study area. The study area generates just over 25 percent of the revenues of cities within the study area, only about 7.4 percent of the revenues of cities outside the study area, and about 6.6 percent of the revenues of those portions of the counties lying outside the study area. Of the seven counties, the study area within Kings County receives by far the greatest contribution of revenues compared to total county revenue generation: almost 36 percent. Tulare County is the lowest, with only 1.7 percent. Fresno and Kern Counties get the major absolute dollar contributions to county revenues, even though their shares of total county revenues generated from the study area are only 8.4 and 7.0 percent respectively. While some of these percentages might seem low, they are certainly not insignificant. For example, even though Tulare County is not impacted greatly, the 1.7 percent of the county's total revenues generated from its part of the study area amounts to almost one million dollars (Table 10).

Table 1. County Population by Selected Categories, 1988

County Population Category	San Joaquin	Stanislaus	Merced	Fresno	Kings	Tulare	Kern	7-County Totals
Cities								
In Drainage Area	28,750	10,100	20,740	24,470	55,525	0	26,190	165,775
Out of Drainage Area	286,200	225,015	79,550	423,385	0	156,550	228,135	1,398,835
Unincorporated Areas	136,000	98,100	68,400	158,200	36,450	138,300	257,000	892,450
Incorporated Areas	315,000	235,100	100,200	447,800	55,500	156,600	254,400	1,564,600
Total 7-County Area	451,000	333,200	168,600	606,000	91,950	294,900	511,400	2,457,050

Source: California Dept. of Finance, 1989 Statistical Abstract of California.

Table 2. Total Acres by Selected Crop Group for the Five Drainage Sub-Areas, 1986/87.

TOTAL ALL SUB AREAS

	ACRES							Total
	Alf	Tfn	Row	Grn	Veg	Gras	Pond	Acres
Northern Sub Area	67,018	38,257	42,524	29,414	5,552	0	0	182,765
Grasslands Sub Area	79,425	22,752	124,188	36,896	43,378	6,555	55,298	368,492
Westlands Sub Area	27,682	18,336	362,985	99,593	49,312	0	0	557,908
Tulare Sub Area	50,978	18,103	392,016	109,958	6,897	0	0	577,952
Kern Sub Area	109,373	227,874	319,438	74,438	50,503	0	0	781,626
Total Acres	334,476	325,322	1,241,151	350,299	155,642	6,555	55,298	2,468,743

Source: U.S. Bureau of Reclamation San Joaquin Valley data, 1989.

Table 3a. Net Acres by Sub-Area by Crop Category

NET ACRES ALL SUB AREAS

	ACRES IN ALL COUNTIES							Total
	Alf	Tfn	Row	Grn	Veg	Gras	Pond	Acres
Northern Sub Area	61,580	36,419	36,136	25,082	5,236	0	0	164,452
Grasslands Sub Area	74,037	21,469	121,816	35,843	40,143	6,553	54,922	354,783
Westlands Sub Area	26,669	18,045	349,639	96,075	47,093	0	0	537,520
Tulare Sub Area	48,541	15,440	378,049	103,959	6,521	0	0	552,509
Kern Sub Area	78,324	102,821	224,938	52,873	23,360	0	0	482,315
Total Acres	289,151	194,193	1,110,577	313,831	122,352	6,553	54,922	2,091,579

Source: U.S. Bureau of Reclamation San Joaquin Valley data, 1989.

Table 3b. Net Areas by County by Crop Category.

NET ACRES ALL COUNTIES

	ACRES IN ALL SUB AREAS							Total
	Alf	Tfn	Row	Grn	Veg	Gras	Pond	Acres
San Joaquin County	11,208	11,182	23,553	15,012	0	0	0	60,955
Stanislaus County	47,545	24,480	12,056	9,616	5,036	0	0	98,733
Merced County	43,795	20,495	61,473	23,789	21,162	6,553	54,922	232,190
Fresno County	55,841	16,695	370,011	81,808	62,885	0	0	587,240
Kings County	48,514	20,165	339,703	126,570	9,717	0	0	544,669
Tulare County	5,195	3,812	67,817	2,935	247	0	0	80,005
Kern County	77,053	97,365	235,964	54,102	23,304	0	0	487,788
Total Acres	289,151	194,193	1,110,577	313,831	122,352	6,553	54,922	2,091,579

Source: U.S. Bureau of Reclamation San Joaquin Valley data, 1989.

Table 4. Summary of Weighted Dollar Value per Acre by Implan Sectors

Implan # and Sector	Avg. $ Value Per Acre Pertinent to SA
SAN JOAQUIN COUNTY	
10 Cotton	NA
11 Food Grains	254.86
12 Feed Grains	460.39
13 Hay & Pasture	525.25
14 Grass Seeds	NA
16 Fruits	1,938.12
17 Tree Nuts	1,285.41
18 Vegetables	1,632.44
19 Sugar Crops	891.86
STANISLAUS COUNTY	
10 Cotton	NA
11 Food Grains	241.69
12 Feed Grains	463.86
13 Hay & Pasture	478.18
14 Grass Seeds	NA
16 Fruits	1,644.53
17 Tree Nuts	1,509.23
18 Vegetables	1,026.15
19 Sugar Crops	792.15
MERCED COUNTY	
10 Cotton	906.79
11 Food Grains	226.76
12 Feed Grains	310.30
13 Hay & Pasture	407.29
14 Grass Seeds	NA
16 Fruits	1,732.13
17 Tree Nuts	1,533.51
18 Vegetables	1,441.40
19 Sugar Crops	1,028.04
FRESNO COUNTY	
10 Cotton	1,103.71
11 Food Grains	299.93
12 Feed Grains	252.91
13 Hay & Pasture	717.62
14 Grass Seeds	669.08
16 Fruits	2,056.71
17 Tree Nuts	1,791.56
18 Vegetables	2,094.71
19 Sugar Crops	945.62

Implan # and Sector	Avg. $ Value Per Acre Pertinent to SA
KINGS COUNTY	
10 Cotton	986.53
11 Food Grains	302.91
12 Feed Grains	214.19
13 Hay & Pasture	279.16
14 Grass Seeds	751.54
16 Fruits	2,651.41
17 Tree Nuts	1,697.35
18 Vegetables	1,954.28
19 Sugar Crops	820.53
TULARE COUNTY	
10 Cotton	883.80
11 Food Grains	195.60
12 Feed Grains	285.23
13 Hay & Pasture	631.04
14 Grass Seeds	NA
16 Fruits	NA
17 Tree Nuts	1,683.16
18 Vegetables	2,037.00
19 Sugar Crops	931.24
KERN COUNTY	
10 Cotton	979.96
11 Food Grains	264.69
12 Feed Grains	266.03
13 Hay & Pasture	646.54
14 Grass Seeds	NA
16 Fruits	2,838.79
17 Tree Nuts	2,143.41
18 Vegetables	2,761.32
19 Sugar Crops	981.02

Table 5. Study Area Agricultural Acreage and Sales.
Personal Income, Retail Sales, and Commercial Property Value.
Employment, Population, Housing, and Residential Property Value.

AGRICULTURAL ACREAGE AND SALES

County	Acres	Sales Per Acre (Dollars)	Direct Commodity Sales (1987 $000's)	Indirect + Induced Sales (1987 $000's)	Total Gross Sales (1987 $000's)
San Joaquin	60,955	915.76	55,820	49,817	105,637
Stanislaus	98,733	786.87	77,690	69,862	147,552
Merced	177,268	801.99	142,168	88,758	230,925
Fresno	587,240	1,158.55	680,347	586,501	1,266,848
Kings	544,669	815.90	444,393	179,731	624,124
Tulare	80,005	802.86	64,233	41,738	105,971
Kern	487,788	1,230.97	600,454	498,230	1,098,684
Total	2,036,657	1,013.97	2,065,105	1,514,637	3,579,742

Table 5. Study Area Agricultural Acreage and Sales.
Personal Income, Retail Sales, and Commercial Property Value.
Employment, Population, Housing, and Residential Property Value.

PERSONAL INCOME, RETAIL SALES AND COMMERCIAL PROPERTY VALUE

County	<-- Personal Income (1987 $000's) -->			<-- Retail Sales (1987 $000's) -			Commercial Prop. Value (1987 $000's)		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
San Joaquin	7,421	14,733	22,154	1,243	5,173	6,416	88,912	71,555	160,467
Stanislaus	10,377	19,003	29,380	1,970	7,202	9,173	143,526	32,889	176,414
Merced	18,185	25,296	43,481	3,713	13,718	17,432	229,474	66,705	296,178
Fresno	86,456	161,199	247,655	19,169	67,766	86,934	728,199	280,470	1,008,669
Kings	56,434	41,388	97,822	14,952	45,929	60,881	678,783	75,125	753,907
Tulare	8,259	11,702	19,961	2,182	6,693	8,875	100,789	23,958	124,747
Kern	92,790	126,148	218,937	16,043	58,846	74,890	729,781	217,001	946,782
Total	279,921	399,468	679,389	59,272	205,328	264,600	2,699,463	767,702	3,467,165

Table 5. Study Area Agricultural Acreage and Sales.
Personal Income, Retail Sales, and Commercial Property Value.
Employment, Population, Housing, and Residential Property Value.

EMPLOYMENT, POPULATION, HOUSING AND RESIDENTIAL PROPERTY VALUE

County	<----- Employment ----->			<------- Population ------->				<--- Students (K-12) --->		
	Direct	Indirect + Induced	Total	Pop/Job Ratio	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
					(Using Pop/Job Ratio)			(Using 0.7 Students/HH)		
San Joaquin	1,665	2,862	4,527	3	4,679	8,043	12,721	1,141	1,962	3,103
Stanislaus	2,381	1,316	3,696	3	6,738	3,723	10,461	1,673	924	2,597
Merced	3,430	2,668	6,098	3	8,747	6,804	15,551	1,944	1,512	3,456
Fresno	12,150	11,219	23,369	2	28,309	26,140	54,449	7,128	6,582	13,710
Kings	6,046	3,005	9,051	3	20,980	10,427	31,407	4,879	2,425	7,304
Tulare	845	958	1,803	2	2,045	2,319	4,364	466	529	995
Kern	16,069	8,680	24,749	3	41,778	22,568	64,346	10,407	5,622	16,029
Total	42,585	30,708	73,294		113,275	80,024	193,299	27,638	19,555	47,194

Table 5. Study Area Agricultural Acreage and Sales.
Personal Income, Retail Sales, and Commercial Property Value.
Employment, Population, Housing, and Residential Property Value.

EMPLOYMENT, POPULATION, HOUSING, AND RESIDENTIAL PROPERTY VALUE

	< - - - - - - - Housing Count		- - - - - - - >		< - Per House Value - >		< - - Property Value ($000'87)		- - >
	Pop/HH Ratio	Direct	Indirect + Induced (Using Pop/HH Ratio)	Total	Direct (2)	Indirect + Induced (1)	Direct	Indirect + Induced	Total
San Joaquin	2.87	1,630	2,802	4,433	59,224	78,965	96,547	221,288	317,835
Stanislaus	2.82	2,389	1,320	3,710	46,834	62,445	111,903	82,441	194,344
Merced	3.15	2,777	2,160	4,937	54,874	73,165	152,377	158,033	310,410
Fresno	2.78	10,183	9,403	19,586	40,824	54,433	415,717	511,820	927,538
Kings	3.01	6,970	3,464	10,434	54,787	73,049	381,866	253,059	634,925
Tulare	3.07	666	755	1,422	45,419	60,558	30,253	45,746	75,999
Kern	2.81	14,868	8,031	22,899	44,708	59,611	664,703	478,755	1,143,459
Total		39,483	27,936	67,420			1,853,367	1,751,143	3,604,510

(1) Value of New Housing Units, 1987; Department of Finance (2) Direct Housing Value = 75% of Indirect Housing Value

Table 6. Summary of Total Private Sector Impacts

	San Joaquin	Stanislaus	Merced	Fresno	Kings	Tulare	Kern	Total
Acres	60,955	98,733	177,268	587,240	544,669	80,005	487,788	2,036,657
Percent	3%	5%	9%	29%	27%	4%	24%	100%
Sales per Acre (Dollars)	915.76	786.87	801.99	1,158.55	815.90	802.86	1,230.97	1,013.97
Economics (87 $000's):								
Sales								
Direct-Commodity	55,820	77,690	142,168	680,347	444,393	64,233	600,454	2,065,105
Indirect	49,817	69,862	88,758	586,501	179,731	41,738	498,230	1,514,637
Total	105,637	147,552	230,925	1,266,848	624,124	105,971	1,098,684	3,579,742
Personal Income								
Direct	7,421	10,377	18,185	86,456	56,434	8,259	92,790	279,921
Indirect	14,733	19,003	25,296	161,199	41,388	11,702	126,148	399,468
Total	22,154	29,380	43,481	247,655	97,822	19,961	218,937	679,389
Retail Sales								
Direct	1,243	1,970	3,713	19,169	14,952	2,182	16,043	59,272
Indirect	5,173	7,202	13,718	67,766	45,929	6,693	58,846	205,328
Total	6,416	9,173	17,432	86,934	60,881	8,875	74,890	264,600
Commercial Prop. Value								
Direct	88,912	143,526	229,474	728,199	678,783	100,789	729,781	2,699,463
Indirect	71,555	32,889	66,705	280,470	75,125	23,958	217,001	767,702
Total	160,467	176,414	296,178	1,008,669	753,907	124,747	946,782	3,467,165
Residential Prop. Value								
Direct	96,547	111,903	152,377	415,717	381,866	30,253	664,703	1,853,367
Indirect	221,288	82,441	158,033	511,820	253,059	45,746	478,755	1,751,143
Total	317,835	194,344	310,410	927,538	634,925	75,999	1,143,459	3,604,510
Demographics:								
Employment (FTE)								
Direct	1,665	2,381	3,430	12,150	6,046	845	16,069	42,585
Indirect	2,862	1,316	2,668	11,219	3,005	958	8,680	30,708
Total	4,527	3,696	6,098	23,369	9,051	1,803	24,749	73,294
Percent	6%	5%	8%	32%	12%	2%	34%	100%
Population								
Direct	4,679	6,738	8,747	28,309	20,980	2,045	41,778	113,275
Indirect	8,043	3,723	6,804	26,140	10,427	2,319	22,568	80,024
Total	12,721	10,461	15,551	54,449	31,407	4,364	64,346	193,299
Student Population								
Direct	1,141	1,673	1,944	7,128	4,879	466	10,407	27,638
Indirect	1,962	924	1,512	6,582	2,425	529	5,622	19,555
Total	3,103	2,597	3,456	13,710	7,304	995	16,029	47,194
Housing Count (Units)								
Direct	1,630	2,389	2,777	10,183	6,970	666	14,868	39,483
Indirect	2,802	1,320	2,160	9,403	3,464	755	8,031	27,936
Total	4,433	3,710	4,937	19,586	10,434	1,422	22,899	67,420

Table 7. Comparison of Private Sector Impacts to Total County

	San Joaquin	Stanislaus	Merced	Fresno	Kings	Tulare	Kern
Farm Land (Acres)							
Total (1982 Census)	891,663	806,363	1,158,962	2,072,188	808,084	1,337,014	3,142,057
Case Study Impact	60,955	98,733	177,268	587,240	544,669	80,005	487,788
Impact as % of Total	7%	12%	15%	28%	67%	6%	16%
Total County Population							
Total (1988 Dept. of Finance)	451,000	333,200	168,600	606,000	92,000	294,900	511,400
Case Study Impact	12,721	10,461	15,551	54,449	31,407	4,364	64,346
Impact as % of Total	3%	3%	9%	9%	34%	1%	13%
Population - Cities in DA							
Total (1988 Dept. of Finance)	28,750	10,100	20,740	24,470	55,525	0	26,190
Case Study Impact	7,092	7,855	10,788	19,816	30,364	0	16,711
Impact as % of Total	25%	78%	52%	81%	55%	0%	64%
Population - Cities out of DA							
Total (1988 Dept. of Finance)	286,200	225,015	79,550	423,385	0	156,550	228,135
Case Study Impact	4,826	2,234	4,082	32,019	0	4,132	45,378
Impact as % of Total	2%	1%	5%	8%	0%	3%	20%
Population - Unincorp. County							
Total (1988 Dept. of Finance)	136,050	98,085	68,310	158,145	36,475	138,350	257,075
Case Study Impact	804	372	680	2,614	1,043	232	2,257
Impact as % of Total	0.59%	0.38%	1.00%	1.65%	2.86%	0.17%	0.88%
Total Employment (FTE)							
Total (1987 EDD)	157,700	118,300	64,200	255,300	24,575	119,000	190,300
Case Study Impact	4,527	3,696	6,098	23,369	9,051	1,803	24,749
Impact as % of Total	3%	3%	9%	9%	37%	2%	13%
Agricultural Employment (FTE)							
Total (1987 EDD)	15,700	14,000	9,725	52,200	5,275	29,750	33,200
Case Study Impact	1,665	2,381	3,430	12,150	6,046	845	16,069
Impact as % of Total	11%	17%	35%	23%	115%	3%	48%
Housing Units							
Total (1/88 Dept. of Finance)	162,053	125,349	57,585	225,397	30,899	103,012	193,806
Case Study Impact	4,433	3,710	4,937	19,586	10,434	1,422	22,899
Impact as % of Total	3%	3%	9%	9%	34%	1%	12%
Personal Income ($000's)							
Total (1986 Dept. of Finance)	5,575,200	4,024,900	1,954,400	7,872,600	948,300	3,363,700	6,636,300
Case Study Impact	22,154	29,380	43,481	247,655	97,822	19,961	218,937
Impact as % of Total	0.40%	0.73%	2.22%	3.15%	10.32%	0.59%	3.30%
Taxable Sales ($000's)							
Total (1987 Board of Eq)	3,003,239	2,465,537	847,748	4,380,438	497,925	1,668,973	3,792,894
Case Study Impact	6,416	9,173	17,432	86,934	60,881	8,875	74,890
Impact as % of Total	0.21%	0.37%	2.06%	1.98%	12.23%	0.53%	1.97%

Table 8. Percentage Distribution of Direct and Indirect Private Sector Economic Impacts on Cities In and Out of the Drainage Study Area, by County.

County	Cities in Study Area	Cities out of Study Area	Unincorporated Area
San Joaquin			
Direct Impacts	100	0	100
Indirect Impacts	30	60	10
Stanislaus			
Direct Impacts	100	0	100
Indirect Impacts	30	60	10
Merced			
Direct Impacts	100	0	100
Indirect Impacts	30	60	10
Fresno			
Direct Impacts	70	30	100
Indirect Impacts	0	90	10
Kings			
Direct Impacts	100	0	100
Indirect Impacts	90	0	10
Tulare			
Direct Impacts	0	100	100
Indirect Impacts	0	90	10
Kern			
Direct Impacts	40	60	100
Indirect Impacts	0	- 90	10

Table 9. Comparison of City and County Revenue Impacts to Total County in and out of Study Area (Dollars, Except for Percents)

COUNTY & FUND	CITIES IN THE SA IMPACT	TOTAL	IMPACT AS % OF TOTAL	CITIES OUT OF SA IMPACT	TOTAL	IMPACT AS % OF TOTAL	COUNTY GOVT (1) IMPACT	TOTAL	IMPACT AS % OF TOTAL
General Fund	SAN JOAQUIN COUNTY								
Property Tax	385,950	2,071,024	18.6%	544,688	11,803,835	4.6%	1,334,495	52,338,444	2.5%
Sales Tax	254,876	1,840,066	13.9%	328,028	24,376,133	1.3%	23,060	6,051,415	0.4%
Other Revenues	337,657	1,419,322	23.8%	214,863	12,858,504	1.7%	1,117,352	41,267,426	2.7%
Total General Fund	978,483	5,330,412	18.4%	1,087,578	49,038,472	2.2%	2,474,908	99,657,285	2.5%
Road Fund	211,895	858,979	24.7%	84,208	4,993,354	1.7%	179,486	6,931,599	2.6%
Total All Funds	1,190,378	6,189,391	19.2%	1,171,786	54,031,826	2.2%	2,654,393	106,588,884	2.5%
General Fund	STANISLAUS COUNTY								
Property Tax	306,629	462,293	66.3%	214,513	8,521,835	2.5%	1,046,636	26,964,970	3.9%
Sales Tax	272,009	593,285	45.8%	238,968	18,922,082	1.3%	20,635	7,078,252	0.3%
Other Revenues	322,024	428,823	75.1%	97,324	9,809,543	1.0%	916,630	30,798,184	3.0%
Total General Fund	900,662	1,484,401	60.7%	550,804	37,253,460	1.5%	1,983,901	64,841,406	3.1%
Road Fund	294,088	378,222	77.8%	76,820	7,737,366	1.0%	152,553	5,397,040	2.8%
Total All Funds	1,194,750	1,862,623	64.1%	627,625	44,990,826	1.4%	2,136,453	70,238,446	3.0%
General Fund	MERCED COUNTY								
Property Tax	460,038	860,261	53.5%	418,012	3,153,099	13.3%	1,718,296	15,476,149	11.1%
Sales Tax	406,143	1,260,542	32.2%	281,663	5,499,258	5.1%	24,108	2,085,285	1.2%
Other Revenues	449,948	871,433	51.6%	172,569	3,331,130	5.2%	1,300,461	14,936,812	8.7%
Total General Fund	1,316,130	2,992,236	44.0%	872,244	11,983,487	7.3%	3,042,865	32,498,246	9.4%
Road Fund	317,608	610,514	52.0%	108,141	2,107,346	5.1%	340,617	3,667,864	9.3%
Total All Funds	1,633,738	3,602,750	45.3%	980,385	14,090,833	7.0%	3,383,482	36,166,110	9.4%
General Fund	FRESNO COUNTY								
Property Tax	609,068	612,334	99.5%	2,597,109	28,735,735	9.0%	5,615,155	62,605,150	9.0%
Sales Tax	629,983	1,224,316	51.5%	2,832,267	42,175,858	6.7%	119,183	6,219,675	1.9%
Other Revenues	775,675	955,730	81.2%	1,297,808	17,109,077	7.6%	3,595,579	42,001,508	8.6%
Total General Fund	2,014,725	2,792,380	72.2%	6,727,184	88,020,670	7.6%	9,329,916	110,826,333	8.4%
Road Fund	552,277	681,951	81.0%	534,069	8,261,460	6.5%	803,865	9,974,728	8.1%
Total All Funds	2,567,003	3,474,331	73.9%	7,261,253	96,282,130	7.5%	10,133,781	120,801,061	8.4%
General Fund	KINGS COUNTY								
Property Tax	1,417,444	2,052,740	69.1%	0	0	NA	3,907,491	9,022,231	43.3%
Sales Tax	1,626,543	3,890,251	41.8%	0	0	NA	64,740	1,316,049	4.9%
Other Revenues	1,208,433	2,198,460	55.0%	0	0	NA	2,674,719	8,285,126	32.3%
Total General Fund	4,252,420	8,141,451	52.2%	0	0	NA	6,646,950	18,623,406	35.7%
Road Fund	506,476	926,350	54.7%	0	0	NA	604,849	1,773,524	34.1%
Total All Funds	4,758,896	9,067,801	52.5%	0	0	NA	7,251,799	20,396,930	35.6%
General Fund	TULARE COUNTY								
Property Tax	288,259	5,860,357	4.9%	0	0	NA	596,763	28,391,620	2.1%
Sales Tax	260,154	13,021,868	2.0%	0	0	NA	10,095	4,058,694	0.2%
Other Revenues	177,109	6,802,643	2.6%	0	0	NA	294,751	21,553,300	1.4%
Total General Fund	725,522	25,684,868	2.8%	0	0	NA	901,609	54,003,614	1.7%
Road Fund	101,609	3,848,585	2.6%	0	0	NA	87,221	5,465,006	1.6%
Total All Funds	827,131	29,533,453	2.8%	0	0	NA	988,830	59,468,620	1.7%
General Fund	KERN COUNTY								
Property Tax	556,490	752,333	74.0%	3,177,509	16,204,473	19.6%	6,061,936	102,856,213	5.9%
Sales Tax	683,658	1,941,740	35.2%	3,374,425	24,333,425	13.9%	122,398	14,476,791	0.8%
Other Revenues	740,363	1,166,170	63.5%	1,915,053	9,821,692	19.5%	3,503,331	31,675,290	11.1%
Total General Fund	1,980,511	3,860,243	51.3%	8,466,988	50,359,590	16.8%	9,687,665	149,008,294	6.5%
Road Fund	494,319	774,552	63.8%	1,269,228	6,380,914	19.9%	1,616,700	11,782,228	13.7%
Total All Funds	2,474,830	4,634,795	53.4%	9,736,216	56,740,504	17.2%	11,304,366	160,790,522	7.0%

(1) Includes County-provided services to Cities.

TABLE 10. Comparison of City and County Revenue Impacts
to Total County in and out of Study Area

ALL FUNDS ADDED TOGETHER (DOLLARS, EXCEPT FOR PERCENTS)

COUNTY & FUND	CITIES IN THE SA		IMPACT AS % OF TOTAL
	IMPACT	TOTAL	
SAN JOAQUIN COUNTY	1,190,378	6,189,391	19.2%
STANISLAUS COUNTY	1,194,750	1,862,623	64.1%
MERCED COUNTY	1,633,738	3,602,750	45.3%
FRESNO COUNTY	2,567,003	3,474,331	73.9%
KINGS COUNTY	4,758,896	9,067,801	52.5%
TULARE COUNTY	827,131	29,533,453	2.8%
KERN COUNTY	2,474,830	4,634,795	53.4%
STUDY AREA TOTAL	14,646,726	58,365,144	25.1%

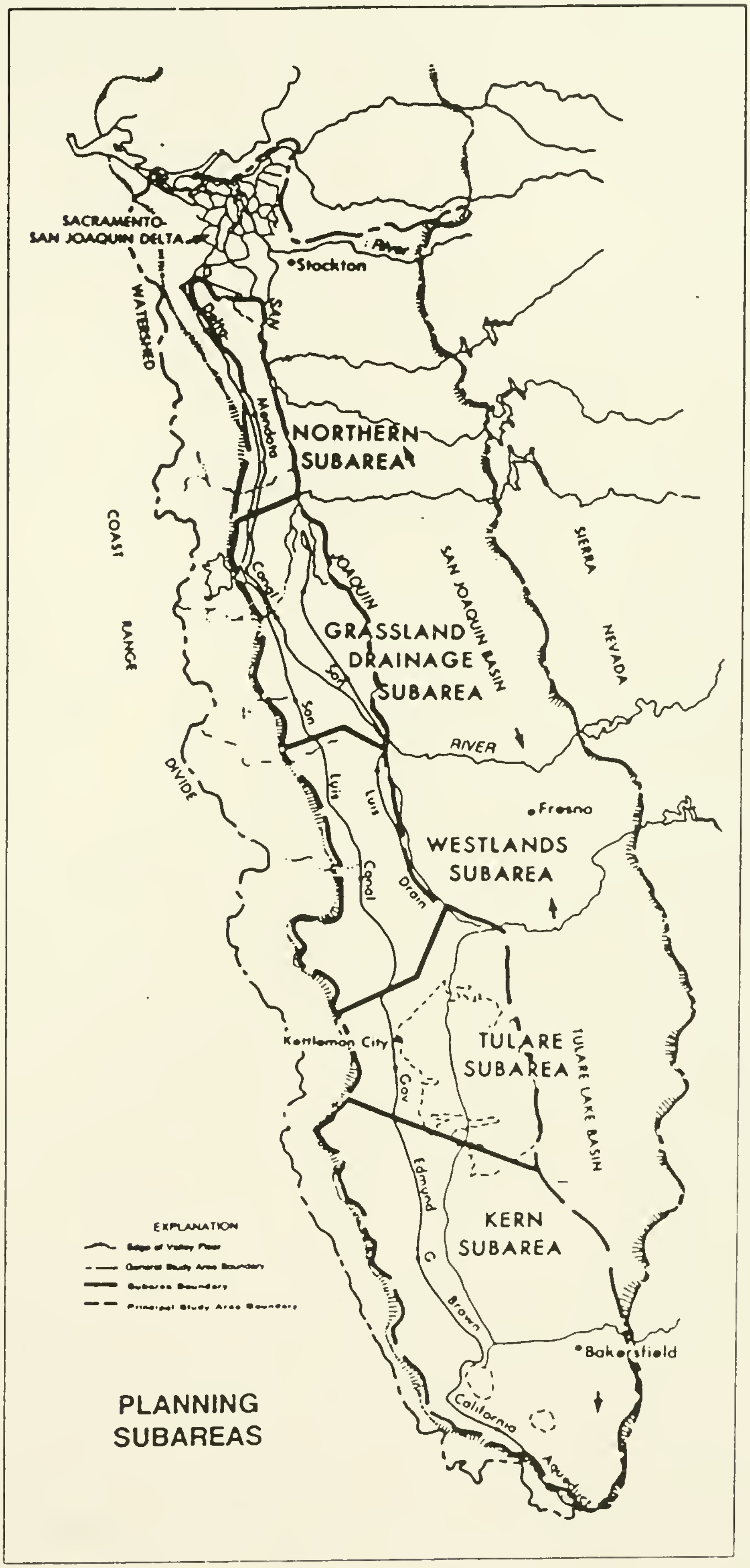
COUNTY & FUND	CITIES OUT OF SA		IMPACT AS % OF TOTAL
	IMPACT	TOTAL	
SAN JOAQUIN COUNTY	1,171,786	54,031,826	2.2%
STANISLAUS COUNTY	627,625	44,990,826	1.4%
MERCED COUNTY	980,385	14,090,833	7.0%
FRESNO COUNTY	7,261,253	96,282,130	7.5%
KINGS COUNTY	0	0	NA
TULARE COUNTY	0	0	NA
KERN COUNTY	9,736,216	56,740,504	17.2%
STUDY AREA TOTAL	19,777,265	266,136,119	7.4%

COUNTY & FUND	COUNTY GOVT (1)		IMPACT AS % OF TOTAL
	IMPACT	TOTAL	
SAN JOAQUIN COUNTY	2,654,393	106,588,884	2.5%
STANISLAUS COUNTY	2,136,453	70,238,446	3.0%
MERCED COUNTY	3,383,482	36,166,110	9.4%
FRESNO COUNTY	10,133,781	120,801,061	8.4%
KINGS COUNTY	7,251,799	20,396,930	35.6%
TULARE COUNTY	988,830	59,468,620	1.7%
KERN COUNTY	11,304,366	160,790,522	7.0%
STUDY AREA TOTAL	37,853,105	574,450,573	6.6%

COUNTY & FUND	COUNTY IMPACTS AS PERCENT OF SA TOTAL	COUNTY AS % OF SA
SAN JOAQUIN COUNTY		18.6%
STANISLAUS COUNTY		12.2%
MERCED COUNTY		6.3%
FRESNO COUNTY		21.0%
KINGS COUNTY		3.6%
TULARE COUNTY		10.4%
KERN COUNTY		28.0%
STUDY AREA TOTAL		100.0%

(1) Includes County-provided services to Cities.

Figure 1. Drainage Area and Sub-Area Map



APPENDICES

APPENDIX TABLE 1. POPULATIONS OF CITIES IN AND OUT OF THE DRAINAGE AREA, 1987.

COUNTY	WITHIN DRAINAGE AREA		OUTSIDE DRAINAGE AREA		TOTALS
	CITY	POPULATION	CITY	POPULATION	
SAN JOAQUIN	Tracy	28,750	Escalon	4,050	
			Lodi	48,050	
			Manteca	38,200	
			Ripon	6,700	
			Stockton	189,200	
All Cities--In		28,750			28,750
All Cities--Out				286,200	286,200
Unincorp. Area					136,000
Total County Pop.					450,950
STANISLAUS	Newman	3,400	Ceres	18,650	
	Patterson	6,700	Hughson	3,080	
			Modesto	144,700	
			Oakdale	10,700	
			Riverbank	7,375	
			Turlock	37,150	
			Waterford	3,360	
All Cities--In		10,100			10,100
All Cities--Out				225,015	225,015
Unincorp. Area					98,100
Total County Pop.					333,215
MERCED	Dos Palos	4,260	Atwater	21,450	
	Gustine City	3,780	Livingston	6,700	
	Los Banos	12,700	Merced	51,400	
All Cities--In		20,740			20,740
All Cities--Out				79,550	79,550
Unincorp. Area					68,400
Total County Pop.					168,690
FRESNO	Coalinga	7,850	Clovis	44,900	
	Firebaugh	3,990	Fowler	3,060	
	Huron	3,720	Fresno	308,700	
	Mendota	6,850	Kerman	4,510	
	San Joaquin	2,060	Kingsburg	6,425	
			Orange Cove	4,640	
			Parlier	7,800	
			Reedley	14,150	
			Sanger	15,150	
			Selma	14,050	
All Cities--In		24,470			24,470
All Cities--Out				423,385	423,385
Unincorp. Area					158,200
Total County Pop.					606,055
KINGS	Avenal	8,350			
	Corcoran	7,775			
	Hanford	26,250			
	Lemoore	13,150			
All Cities--In		55,525			55,525
All Cities--Out					0
Unincorp. Area					36,450
Total County Pop.					91,975
TULARE			Dinuba	11,700	
			Exeter	7,025	
			Farmersville	6,000	
			Lindsay	8,175	
			Porterville	25,050	
			Tulare	28,050	
			Visalia	65,200	
			Woodlake	5,350	
All Cities--In					0
All Cities--Out				156,550	156,550
Unincorp. Area					138,300
Total County Pop.					294,850
KERN	Maricopa	1,240	Arvin	8,550	
	Shafter	7,625	Bakersfield	157,400	
	Taft	6,175	California City	3,760	
	Wasco	11,150	Delano	20,050	
			McFarland	6,350	
			Ridgecrest	26,850	
			Tehachapi	5,175	
All Cities--In		26,190			26,190
All Cities--Out				228,135	228,135
Unincorp. Area					257,000
Total County Pop.					511,325

Source: California Dept. of Finance, California Statistical Abstract 1988.

APPENDIX TABLE 2. TOTAL NORTHERN SUB-AREA

					ACRES					
Cell	% of Cell in Study Area	% in San Joaquin	% in Stanislaus	% in Merced	Alf	Tfn	Row	Grn	Veg	Total Acres
S003	57%	57%			356	588	890	534	0	2,368
4	98%	98%			1,812	601	4,258	2,718	0	9,389
5	66%	66%			4,242	108	4,242	3,636	0	12,228
6	72%	72%			630	38	1,574	945	0	3,187
7	32%	28%	4%		1,880	580	4,700	2,820	0	9,980
36	100%		100%		6,280	1,687	1,373	1,178	981	11,499
37	100%	96%	4%		1,430	845	3,574	2,144	0	7,993
38	100%	100%			1,852	1,384	4,630	2,778	0	10,644
39	100%	99%	1%		573	4,341	1,434	860	0	7,208
40	100%	100%			144	54	359	216	0	773
47	91%		91%		802	522	142	119	22	1,607
80	99%		99%		6,400	1,800	1,420	1,200	1,015	11,835
82	100%		100%		3,898	537	684	579	105	5,803
83	94%		94%		2,097	2,683	459	393	328	5,960
84	100%		100%		3,090	3,109	676	579	483	7,937
85	100%		100%		2,829	3,241	496	420	76	7,062
91	100%		100%		1,142	69	201	170	31	1,613
93	100%		100%		4,977	2,840	1,089	933	778	10,617
94	100%		46%	54%	3,330	887	584	495	90	5,386
106	100%		100%		3,984	549	699	592	107	5,931
279	65%		45%	20%	4,600	1,250	960	850	740	8,400
284	100%		100%		1,839	1,851	402	345	287	4,724
294	97%		92%	5%	2,163	577	380	321	58	3,499
301	100%	100%			161	1,215	402	241	0	2,019
302	72%	72%			518	855	1,295	777	0	3,445
303	98%	98%			514	850	1,286	772	0	3,422
304	100%	30%	70%		674	1,113	1,684	1,011	0	4,482
305	100%	38%	62%		720	1,190	1,801	1,080	0	4,791
306	91%		91%		1,442	940	255	214	40	2,891
307	94%		94%		1,223	1,560	265	229	190	3,467
308	96%		96%		1,416	393	310	265	221	2,605
Total Acres					67,018	38,257	42,524	29,414	5,552	182,765

APPENDIX TABLE 2. (Cont.) TOTAL GRASSLANDS SUB AREA

				ACRES							
Cell	% of Cell in Study Area	% in Merced	% in Fresno	Alf	Tfn	Row	Grn	Veg	Gras	Pond	Total Acres
S095	100%	100%		1,421	3,665	7,529	2,508	1,500	0	0	16,623
126	89%	89%		655	800	2,823	1,315	789	0	0	6,382
133	6%	6%		3,296	500	0	0	2,197	0	0	5,993
134	98%	98%		1,416	2,177	8,212	2,832	1,700	0	0	16,337
166	100%	100%		508	1,156	4,346	2,151	1,620	0	0	9,781
208	100%	100%		9,300	3,500	10,673	4,000	4,000	0	0	31,473
309	76%	76%		1,774	2,000	1,434	716	510	0	1,399	7,833
310	100%	100%		0	0	0	0	0	0	7,920	7,920
311	100%	100%		2,122	600	1,702	850	630	0	6,183	12,087
313	100%	100%		2,128	800	1,701	850	640	0	1,035	7,154
314	100%	100%		163	0	133	67	50	0	4,869	5,282
315	100%	100%		0	0	0	0	0	0	2,988	2,988
316	99%	99%		3,799	1,200	3,040	1,505	1,140	200	4,023	14,907
317	100%	100%		0	0	0	0	0	100	10,760	10,860
318	100%	100%		0	0	0	0	0	0	1,376	1,376
321	100%	100%		4,550	800	4,434	2,195	1,660	1,762	4,154	19,555
322	100%	100%		256	0	203	102	80	4,493	10,591	15,725
137	100%	85%	15%	3,400	1,000	3,594	1,779	1,348	0	0	11,121
138	99%	84%	15%	5,600	3,000	7,410	3,000	2,603	0	0	21,613
158	91%		91%	14,000	0	6,243	3,090	6,242	0	0	29,575
160	100%		100%	8,000	0	3,522	1,743	3,522	0	0	16,787
161	100%	45%	55%	1,820	0	1,387	693	1,300	0	0	5,200
162	100%	100%		2,000	200	1,681	0	1,856	0	0	5,737
163	100%		100%	620	0	10,542	961	930	0	0	13,053
164	72%	16%	56%	1,003	206	850	200	432	0	0	2,691
211	100%	49%	51%	3,656	0	4,387	0	1,097	0	0	9,140
263	100%		100%	400	0	3,000	500	900	0	0	4,800
264	100%		100%	400	0	2,700	300	500	0	0	3,900
324	100%	15%	85%	541	0	9,205	839	812	0	0	11,397
325	100%		100%	3,200	100	2,195	200	1,574	0	0	7,269
340	100%	63%	37%	1,261	48	420	200	413	0	0	2,342
341	100%	1%	99%	297	0	5,042	460	445	0	0	6,244
T001	93%		93%	753	550	3,870	1,700	1,205	0	0	8,078
2	100%		100%	312	0	5,300	483	468	0	0	6,563
3	100%		100%	230	0	3,910	357	345	0	0	4,842
304	86%		86%	544	450	2,700	1,300	870	0	0	5,864
Total Acres				79,425	22,752	124,188	36,896	43,378	6,555	55,298	368,492

APPENDIX TABLE 2. (Cont.) TOTAL WESTLANDS SUB AREA

				ACRES					
Cell	% of Cell in Study Area	% in Fresno	% in Kings	Alf	Tfn	Row	Grn	Veg	Total Acres
T004	100%	100%		512	461	12,194	1,566	3,931	18,664
5	100%	100%		3,181		12,079	3,530	68	18,858
6	100%	100%		2,963		11,339	2,311	1,012	17,625
7	52%	52%		1,018		9,605	2,523		13,146
28	64%	64%		666		6,320	1,928		8,914
29	100%	100%		2,126		19,888	4,532		26,546
30	100%	100%		2,346	710	21,008	2,537	2,214	28,815
31	100%	100%		708	10	16,141	1,617	1,286	19,762
32	100%	100%				2,603	1,191	85	3,879
33	100%	100%		208	2,387	15,309	3,429	3,796	25,129
34	100%	100%			1,650	9,008	1,353	2,379	14,390
35	61%	61%		566	392	12,190	3,057	4,429	20,634
36	90%	90%		635	922	9,904	2,732	2,888	17,081
37	100%	100%		2,300	332	15,869	2,057	2,098	22,656
38	100%	100%		601	85	19,633	4,077	1,631	26,027
39	100%	100%		546		9,015	4,184	702	14,447
40	100%	90%	10%	76		7,599	3,049	337	11,061
41	100%	100%		439		4,230	729		5,398
70	100%	25%	75%	618		2,399	1,334		4,351
71	100%	25%	75%	2,689	570	26,425	10,200	80	39,964
72	100%	93%	7%	328	3	2,207	1,137	696	4,371
73	100%	100%		1,663		13,434	3,114	7	18,218
74	100%	100%		609	1,494	13,890	2,429	2,950	21,372
75	100%	100%		537	520	16,239	3,641	2,169	23,106
76	96%	96%			1,156	17,905	3,687	5,082	27,830
77	100%	100%			3,512	14,500	2,751	3,982	24,745
79	100%	35%	65%	747	2,542	10,894	11,343	2,100	27,626
81	100%	0%	100%	583		7,871	8,953		17,407
106	100%	1%	99%	320	1,011	3,043	1,428	1,900	7,702
301	100%	100%		149		3,696	594	790	5,229
302	100%	100%		113		2,566	449	748	3,876
303	100%	100%		27		614	107	179	927
311	100%	100%		212		8,910	1,244	873	11,239
312	100%	100%		196	579	4,458	780	900	6,913
Total Acres				27,682	18,336	362,985	99,593	49,312	557,908

APPENDIX TABLE 2 (Cont.). TOTAL TULARE SUB AREA

					ACRES					
Cell	% of Cell in Study Area	% in Kings	% in Tulare	% in Kern	Alf	Tfn	Row	Grn	Veg	Total Acres
T069	100%	100%			4,607	2,496	10,805	1,194	75	19,177
82	100%	100%			3,794	0	22,373	9,340	586	36,093
83	100%	100%			4,854	0	28,459	11,948	749	46,010
84	100%	100%			2,253	0	19,065	5,545	348	27,211
85	100%	100%			814	500	4,441	2,003	126	7,884
86	100%	100%			1,391	1,200	9,298	3,423	215	15,527
87	100%	100%			939	1,536	4,823	1,596	100	8,994
88	100%	100%			579	648	3,875	1,426	89	6,617
89	100%	100%			2,763	1,992	19,479	6,802	427	31,463
90	62%	62%			3,431	3,749	18,941	8,445	530	35,096
92	73%	72%	1%		4,198	4,588	25,072	10,333	648	44,839
120	100%	93%	7%		2,100	0	16,040	5,168	324	23,632
121	100%	93%	7%		4,260	0	24,485	10,485	658	39,888
122	100%	100%			3,859	0	21,557	9,407	590	35,413
123	100%	100%			598	0	6,000	1,473	92	8,163
124	100%	100%			1,366	0	23,136	3,363	211	28,076
125	100%	100%			3,576	0	19,913	8,802	552	32,843
126	100%	79%		21%	259	0	21,820	2,950	185	25,214
132	100%	17%		83%	823	0	12,002	2,025	127	14,977
133	100%	29%	71%		0	0	33,314	0	0	33,314
134	100%	0%	91%	9%	3,239	0	14,988	1,091	68	19,386
135	100%	0%	100%		0	0	24,102	0	0	24,102
313	100%	100%			1,275	1,394	8,028	3,139	197	14,033
Total Acres					50,978	18,103	392,016	109,958	6,897	577,952

APPENDIX TABLE 2 (Cont.). TOTAL KERN SUB AREA

					ACRES					
Cell	% of Cell in Study Area	% in Kings	% in Tulare	% in Kern	Alf	Tfn	Row	Grn	Veg	Total Acres
T129	74%	15%		59%	0	8,383	1,747	35	381	10,546
130	100%			100%	231	4,335	3,325	1,349	125	9,365
131	100%	10%		90%	5,405	4,325	12,694	4,217	383	27,024
137	77%		29%	48%	6,070	12,985	11,501	2,561	380	33,497
182	15%			15%	11,111	31,494	19,242	3,324	1,681	66,852
183	95%			95%	1,585	2,058	2,355	353	311	6,662
184	99%			99%	5,034	2,738	8,347	2,076	437	18,632
185	99%			99%	3,158	1,499	5,269	1,337	253	11,516
186	100%			100%	4,050	1,637	6,736	1,691	329	14,443
189	100%			100%	4,857	1,391	20,685	3,230	396	30,559
190	99%			99%	1,582	173	8,099	1,013	76	10,943
191	100%			100%	511	842	3,910	1,037	581	6,881
195	100%			100%	401	2,956	4,980	2,411	0	10,748
196	100%			100%	773	11,973	8,051	1,558	1,371	23,726
197	82%			82%	0	8,446	1,697	0	386	10,529
200	100%			100%	1,996	3,091	15,081	3,910	2,303	26,381
201	94%			94%	253	0	1,592	182	11	2,038
202	100%			100%	1,126	342	2,784	532	75	4,859
203	100%			100%	1,280	461	2,143	550	95	4,529
204	100%			100%	1,598	584	2,991	629	101	5,903
205	100%			100%	2,124	759	4,580	735	106	8,304
206	100%			100%	1,633	123	6,129	861	103	8,849
207	79%			79%	4,738	4,590	10,013	1,051	527	20,919
208	93%			93%	4,921	899	11,089	1,876	315	19,100
209	10%			10%	1,403	3,525	2,163	395	274	7,760
210	10%			10%	1,932	10,431	3,367	759	422	16,911
211	0%			0%	695	18,796	1,513	765	526	22,295
212	7%			7%	2,167	10,631	3,621	947	471	17,837
225	0%			0%	1,055	11,224	4,762	968	6,014	24,023
226	9%			9%	2,094	11,722	6,601	1,593	5,658	27,668
227	50%			50%	3,627	1,879	7,485	2,298	894	16,183
228	100%			100%	4,926	3,582	12,078	3,534	1,698	25,818
229	100%			100%	2,401	582	4,795	1,503	236	9,517
230	69%			69%	2,150	805	4,067	1,327	214	8,563
231	100%			100%	2,608	546	5,119	1,561	241	10,075
232	100%			100%	9,372	1,891	18,938	5,699	928	36,828
233	100%			100%	1,323	4,791	8,511	2,056	2,341	19,022
241	60%			60%	968	8,434	12,933	2,928	4,140	29,403
243	40%			40%	1,978	18,781	15,247	3,334	9,773	49,113
247	31%			31%	925	8,749	5,545	1,195	4,617	21,031
334	0%			0%	1,888	1,785	15,629	3,209	885	23,396
336	0%			0%	204	0	1,277	294	0	1,775
387	0%			0%	2,653	910	5,062	1,179	192	9,996
392	0%			0%	567	2,726	5,685	2,376	253	11,607
Total Acres					109,373	227,874	319,438	74,438	50,503	781,626

APPENDIX TABLE 3. ACRES IN ALL SUB AREAS, BY COUNTY

SAN JOAQUIN COUNTY

	Alf	Tfn	Row	Grn	Veg	Total Acres
Northern Sub Area	11,208	11,182	23,553	15,012	0	60,955
Total Acres	11,208	11,182	23,553	15,012	0	60,955

STANISLAUS COUNTY

	Alf	Tfn	Row	Grn	Veg	Total Acres
Northern Sub Area	47,545	24,480	12,056	9,616	5,036	98,733
Total Acres	47,545	24,480	12,056	9,616	5,036	98,733

MERCED COUNTY

	Alf	Tfn	Row	Grn	Veg	Gras	Pond	Total Acres
Northern Sub Area	2,826	758	526	453	200	0	0	4,763
Grasslands Sub Area	40,969	19,738	60,947	23,335	20,963	6,553	54,922	227,426
Total Acres	43,795	20,495	61,473	23,789	21,162	6,553	54,922	232,190

FRESNO COUNTY

	Alf	Tfn	Row	Grn	Veg	Total Acres
Grasslands Sub Area	33,068	1,732	60,869	12,507	19,181	127,357
Westlands Sub Area	22,773	14,964	309,142	69,300	43,704	459,883
Total Acres	55,841	16,695	370,011	81,808	62,885	587,240

KINGS COUNTY

	Alf	Tfn	Row	Grn	Veg	Total Acres
Westlands Sub Area	3,896	3,081	40,497	26,775	3,388	77,637
Tulare Sub Area	44,077	15,394	297,675	99,369	6,233	462,747
Kern Sub Area	541	1,690	1,531	427	95	4,284
Total Acres	48,514	20,165	339,703	126,570	9,717	544,669

TULARE COUNTY

	Alf	Tfn	Row	Grn	Veg	Total Acres
Tulare Sub Area	3,435	46	64,481	2,192	137	70,291
Kern Sub Area	1,760	3,766	3,335	743	110	9,714
Total Acres	5,195	3,812	67,817	2,935	247	80,005

KERN COUNTY

	Alf	Tfn	Row	Grn	Veg	Total Acres
Tulare Sub Area	1,029	0	15,893	2,398	150	19,471
Kern Sub Area	76,024	97,365	220,071	51,704	23,154	468,317
Total Acres	77,053	97,365	235,964	54,102	23,304	487,788

APPENDIX TABLE 4. ACREAGE ACCORDING TO AGRICULTURAL COMMISSIONER, BY COUNTY

SAN JOAQUIN COUNTY

Implan #		% Pertinent to SubAreas	Acres Harvested 1987	1986	Average	Ave. Acres Pert. to SA	Pert. Ave. as % of Total
	ALF						
13	Hay	0	54,800	56,500	55,650	13,913	93%
14	Seed	0	0	0	0	0	0%
11	Rice	0	4,320	4,750	4,535	408	3%
13	Irrigated Pasture	0	30,600	30,800	30,700	614	4%
	TOTAL ALF		89,720	92,050	90,885	14,935	100%
	TFN						
17	Almonds	0	36,200	36,400	36,300	5,808	47%
16	Apples	0	1,400	1,270	1,335	147	1%
16	Apricots	1	2,940	3,010	2,975	2,975	24%
16	Olives	0	0	0	0	0	0%
16	Peaches	0	2,250	2,860	2,555	0	0%
17	Walnuts	0	24,314	25,318	24,816	3,474	28%
17	Pistachios	0	0	0	0	0	0%
16	Grapes	0	49,200	51,700	50,450	0	0%
16	Nectarines	0	0	0	0	0	0%
16	Oranges	0	0	0	0	0	0%
	TOTAL TFN		116,304	120,558	118,431	12,404	100%
	ROW						
10	Cotton	0	0	0	0	0	0%
19	Sugar Beets	0	36,800	28,100	32,450	2,596	18%
18	Processing Tomatoes	0	18,600	18,800	18,700	8,415	60%
12	Corn	0	51,700	61,000	56,350	1,127	8%
12	Sorghum	0	265	630	448	0	0%
12	Other - Dry Beans	0	20,600	19,200	19,900	1,990	14%
	TOTAL ROW		127,965	127,730	127,848	14,128	100%
	GRN						
11	Wheat	0	41,000	45,800	43,400	2,170	73%
12	Barley	0	6,370	6,970	6,670	467	16%
12	Oats	0	3,620	2,920	3,270	327	11%
12	Other Grains	0	0	0	0	0	0%
	TOTAL GRN		50,990	55,690	53,340	2,964	100%
	VEG						
18	Beans	0	643	228	436	109	5%
18	Melons	0	2,630	1,990	2,310	347	17%
18	Lettuce	0	0	0	0	0	0%
18	Spinach	0	0	0	0	0	0%
18	Onions	0	1,700	1,650	1,675	201	10%
18	Garlic	0	0	0	0	0	0%
18	Broccoli	0	0	0	0	0	0%
18	Peas	0	0	0	0	0	0%
18	Misc.	1	1,880	2,920	2,400	1,440	69%
	TOTAL VEG		6,853	6,788	6,821	2,096	100%

APPENDIX TABLE 4. ACREAGE ACCORDING TO AGRICULTURAL COMMISSIONER, BY COUNTY

STANISLAUS COUNTY

Implan #		% Pertinent to SubAreas	Acres Harvested 1987	1986	Average	Ave. Acres Pert. to SA	Pert. Ave. as % of Total
	ALF						
13	Hay	1	26,930	26,146	26,538	14,596	91%
14	Seed	0	0	0	0	0	0%
11	Rice	0	4,575	2,157	3,366	0	0%
13	Irrigated Pasture	0	75,500	75,500	75,500	1,510	9%
	TOTAL ALF		107,005	103,803	105,404	16,106	100%
	TFN						
17	Almonds	0	65,417	64,134	64,776	12,955	43%
16	Apples	0	610	304	457	46	0%
16	Apricots	1	8,777	8,866	8,822	8,645	29%
16	Olives	0	0	0	0	0	0%
16	Peaches	0	10,353	10,562	10,458	523	2%
17	Walnuts	0	23,702	23,237	23,470	7,745	26%
17	Pistachios	0	0	0	0	0	0%
16	Grapes	0	16,950	17,244	17,097	0	0%
16	Nectarines	0	118	113	116	0	0%
16	Oranges	0	0	0	0	0	0%
	TOTAL TFN		125,927	124,460	125,194	29,914	100%
	ROW						
10	Cotton	0	0	0	0	0	0%
19	Sugar Beets	1	3,870	3,794	3,832	3,832	9%
18	Processing Tomatoes	1	11,300	10,250	10,775	10,775	26%
12	Corn	1	6,931	6,729	6,830	4,098	10%
12	Sorghum	0	0	0	0	0	0%
12	Other - Dry Beans	1	32,382	32,780	32,581	22,807	55%
	TOTAL ROW		54,483	53,553	54,018	41,512	100%
	GRN						
11	Wheat	0	4,590	4,831	4,711	942	17%
12	Barley	0	4,850	4,900	4,875	585	10%
12	Oats	0	0	0	0	0	0%
12	Other Grains	0	16,500	16,500	16,500	4,125	73%
	TOTAL GRN		25,940	26,231	26,086	5,652	100%
	VEG						
18	Beans	1	12,500	12,302	12,401	12,401	45%
18	Melons	1	6,670	6,282	6,476	6,476	24%
18	Lettuce	0	0	0	0	0	0%
18	Spinach	1	3,242	3,373	3,308	3,308	12%
18	Onions	0	0	0	0	0	0%
18	Garlic	0	0	0	0	0	0%
18	Broccoli	1	755	750	753	602	2%
18	Peas	1	2,978	3,880	3,429	3,258	12%
18	Misc.	1	1,290	1,210	1,250	1,250	5%
	TOTAL VEG		27,435	27,797	27,616	27,294	100%

APPENDIX TABLE 4. ACREAGE ACCORDING TO AGRICULTURAL COMMISSIONER, BY COUNTY

MERCED COUNTY

Implan #		% Pertinent to SubAreas	Acres Harvested 1987	1986	Average	Ave. Acres Pert. to SA	Pert. Ave. as % of Total
	ALF						
13	Hay	1	69,040	66,860	67,950	50,963	55%
14	Seed	0	0	0	0	0	0%
11	Rice	0	7,100	8,380	7,740	0	0%
13	Irrigated Pasture	1	83,000	83,000	83,000	41,500	45%
	TOTAL ALF		159,140	158,240	158,690	92,463	100%
	TFN						
17	Almonds	1	64,532	62,895	63,714	31,857	70%
16	Apples	0	0	0	0	0	0%
16	Apricots	1	1,411	1,354	1,383	691	2%
16	Olives	1	45	55	50	25	0%
16	Peaches	1	4,208	4,368	4,288	2,144	5%
17	Walnuts	0	7,870	8,009	7,940	2,779	6%
17	Pistachios	1	3,683	3,259	3,471	2,603	6%
16	Grapes	0	15,521	14,163	14,842	5,195	11%
16	Nectarines	1	184	196	190	95	0%
16	Oranges	0	0	0	0	0	0%
	TOTAL TFN		97,454	94,299	95,877	45,389	100%
	ROW						
10	Cotton	1	58,500	53,500	56,000	56,000	58%
19	Sugar Beets	1	19,100	14,100	16,600	16,600	17%
18	Processing Tomatoes	1	6,400	5,860	6,130	6,130	6%
12	Corn	1	11,300	13,500	12,400	12,400	13%
12	Sorghum	1	80	285	183	183	0%
12	Other - Dry Beans	1	5,230	5,070	5,150	5,150	5%
	TOTAL ROW		100,610	92,315	96,463	96,463	100%
	GRN						
11	Wheat	1	14,100	13,100	13,600	13,600	38%
12	Barley	1	5,040	9,430	7,235	7,235	20%
12	Oats	1	2,760	2,230	2,495	2,495	7%
12	Other Grains	1	12,700	11,900	12,300	12,300	35%
	TOTAL GRN		34,600	36,660	35,630	35,630	100%
	VEG						
18	Beans	1	3,490	1,750	2,620	2,620	21%
18	Melons	1	10,370	14,320	12,345	9,259	74%
18	Lettuce	0	0	0	0	0	0%
18	Spinach	0	0	0	0	0	0%
18	Onions	0	0	0	0	0	0%
18	Garlic	0	0	0	0	0	0%
18	Broccoli	0	0	0	0	0	0%
18	Peas	1	430	742	586	586	5%
18	Misc.	0	7,190	3,851	5,521	0	0%
	TOTAL VEG		21,480	20,663	21,072	12,465	100%

APPENDIX TABLE 4. ACREAGE ACCORDING TO AGRICULTURAL COMMISSIONER, BY COUNTY

FRESNO COUNTY

Implan #		% Pertinent to SubAreas	Acres Harvested 1987	1986	Average	Ave. Acres Pert. to SA	Ave. as % of Total
	ALF						
13	Hay	0	80,000	80,000	80,000	20,000	28%
14	Seed	1	49,000	54,000	51,500	43,775	61%
11	Rice	1	6,300	8,300	7,300	6,935	10%
13	Irrigated Pasture	0	50,000	50,000	50,000	1,000	1%
	TOTAL ALF		185,300	192,300	188,800	71,710	100%
	TFN						
17	Almonds	0	30,648	30,685	30,667	7,667	50%
16	Apples	0	0	0	0	0	0%
16	Apricots	0	485	451	468	187	1%
16	Olives	0	1,138	1,111	1,125	0	0%
16	Peaches	0	12,403	11,947	12,175	0	0%
17	Walnuts	0	3,101	3,078	3,090	247	2%
17	Pistachios	1	687	363	525	525	3%
16	Grapes	0	210,632	214,456	212,544	6,376	42%
16	Nectarines	0	12,255	11,771	12,013	120	1%
16	Oranges	0	15,442	15,705	15,574	156	1%
	TOTAL TFN		286,791	289,567	288,179	15,278	100%
	ROW						
10	Cotton	1	382,000	331,000	356,500	303,025	77%
19	Sugar Beets	1	33,200	27,100	30,150	19,598	5%
18	Processing Tomatoes	1	64,900	62,800	63,850	63,212	16%
12	Corn	0	8,100	7,000	7,550	3,020	1%
12	Sorghum	0	0	0	0	0	0%
12	Other - Dry Beans	0	18,000	11,300	14,650	5,128	1%
	TOTAL ROW		506,200	439,200	472,700	393,982	100%
	GRN						
11	Wheat	0	45,000	72,500	58,750	26,438	54%
12	Barley	0	42,000	44,000	43,000	12,900	26%
12	Oats	0	0	0	0	0	0%
12	Other Grains	1	15,900	18,700	17,300	9,515	19%
	TOTAL GRN		102,900	135,200	119,050	48,853	100%
	VEG						
18	Beans	0	0	0	0	0	0%
18	Melons	1	42,047	33,570	37,809	37,052	45%
18	Lettuce	1	17,810	14,300	16,055	16,055	20%
18	Spinach	0	0	0	0	0	0%
18	Onions	1	12,910	11,340	12,125	10,913	13%
18	Garlic	1	12,700	9,960	11,330	11,330	14%
18	Broccoli	1	9,700	7,640	8,670	6,936	8%
18	Peas	0	0	0	0	0	0%
18	Misc.	0	12,950	11,800	12,375	0	0%
	TOTAL VEG		108,117	88,610	98,364	82,286	100%

APPENDIX TABLE 4. ACREAGE ACCORDING TO AGRICULTURAL COMMISSIONER, BY COUNTY

KINGS COUNTY

Implan #		% Pertinent to SubAreas	Acres Harvested 1987	Acres Harvested 1986	Average	Ave. Acres Pert. to SA	Ave. as % of Total
	ALF						
13	Hay	0	30,161	29,033	29,597	10,359	26%
14	Seed	1	16,850	20,388	18,619	16,757	43%
11	Rice	0	0	0	0	0	0%
13	Irrigated Pasture	1	12,500	13,000	12,750	12,113	31%
	TOTAL ALF		59,511	62,421	60,966	39,229	100%
	TFN						
17	Almonds	1	3,208	3,203	3,206	2,564	15%
16	Apples	0	0	0	0	0	0%
16	Apricots	1	235	240	238	119	1%
16	Olives	1	1,142	1,142	1,142	1,142	7%
16	Peaches	1	2,889	2,689	2,789	1,534	9%
17	Walnuts	1	5,347	5,287	5,317	5,051	30%
17	Pistachios	1	3,521	3,089	3,305	2,975	17%
16	Grapes	1	4,161	3,732	3,947	2,960	17%
16	Nectarines	1	1,345	1,305	1,325	663	4%
16	Oranges	0	0	0	0	0	0%
	TOTAL TFN		21,848	20,687	21,268	17,007	100%
	ROW						
10	Cotton	1	259,347	218,000	238,674	233,900	95%
19	Sugar Beets	1	2,016	1,656	1,836	1,836	1%
18	Processing Tomatoes	1	1,637	1,499	1,568	1,568	1%
12	Corn	0	13,400	11,000	12,200	3,660	1%
12	Sorghum	1	1,200	1,500	1,350	1,350	1%
12	Other - Dry Beans	1	1,951	4,272	3,112	3,112	1%
	TOTAL ROW		279,551	237,927	258,739	245,426	100%
	GRN						
11	Wheat	1	55,120	22,718	38,919	38,919	48%
12	Barley	1	24,195	49,631	36,913	36,913	45%
12	Oats	1	0	0	0	0	0%
12	Other Grains	1	2,973	8,710	5,842	5,842	7%
	TOTAL GRN		82,288	81,059	81,674	81,674	100%
	VEG						
18	Beans	0	0	0	0	0	0%
18	Melons	1	1,986	1,514	1,750	1,750	22%
18	Lettuce	0	0	0	0	0	0%
18	Spinach	0	0	0	0	0	0%
18	Onions	1	525	406	466	466	6%
18	Garlic	0	0	0	0	0	0%
18	Broccoli	1	960	528	744	595	8%
18	Peas	0	0	0	0	0	0%
18	Misc.	1	7,122	5,438	6,280	5,024	64%
	TOTAL VEG		10,593	7,886	9,240	7,835	100%

APPENDIX TABLE 4. ACREAGE ACCORDING TO AGRICULTURAL COMMISSIONER, BY COUNTY

TULARE COUNTY

Implan #		% Pertinent to SubAreas	Acres Harvested 1987	Acres Harvested 1986	Average	Ave. Acres Pert. to SA	Ave. as % of Total
	ALF						
13	Hay	1	100,000	100,000	100,000	50,000	100%
14	Seed	0	0	0	0	0	0%
11	Rice	0	0	0	0	0	0%
13	Irrigated Pasture	0	10,000	15,000	12,500	0	0%
	TOTAL ALF		110,000	115,000	112,500	50,000	100%
	TFN						
17	Almonds	0	9,735	10,263	9,999	3,500	78%
16	Apples	0	195	151	173	0	0%
16	Apricots	0	395	322	359	0	0%
16	Olives	0	13,541	13,661	13,601	0	0%
16	Peaches	0	5,665	5,490	5,578	0	0%
17	Walnuts	0	24,606	24,464	24,535	491	11%
17	Pistachios	0	2,242	1,445	1,844	498	11%
16	Grapes	0	71,274	76,896	74,085	0	0%
16	Nectarines	0	7,617	7,573	7,595	0	0%
16	Oranges	0	54,981	55,110	55,046	0	0%
	TOTAL TFN		190,251	195,375	192,813	4,488	100%
	ROW						
10	Cotton	1	148,300	124,720	136,510	68,255	81%
19	Sugar Beets	1	3,610	3,880	3,745	1,873	2%
18	Processing Tomatoes	0	0	0	0	0	0%
12	Corn	1	8,200	11,000	9,600	4,800	6%
12	Sorghum	1	3,700	4,000	3,850	1,925	2%
12	Other - Dry Beans	1	15,000	13,000	14,000	7,000	8%
	TOTAL ROW		178,810	156,600	167,705	83,853	100%
	GRN						
11	Wheat	1	43,100	41,900	42,500	21,250	63%
12	Barley	1	21,000	19,000	20,000	10,000	30%
12	Oats	0	0	0	0	0	0%
12	Other Grains	1	1,600	8,500	5,050	2,525	7%
	TOTAL GRN		65,700	69,400	67,550	33,775	100%
	VEG						
18	Beans	0	0	0	0	0	0%
18	Melons	0	0	0	0	0	0%
18	Lettuce	0	0	0	0	0	0%
18	Spinach	0	0	0	0	0	0%
18	Onions	0	0	0	0	0	0%
18	Garlic	0	0	0	0	0	0%
18	Broccoli	0	0	0	0	0	0%
18	Peas	0	0	0	0	0	0%
18	Misc.	0	6,420	5,040	5,730	172	100%
	TOTAL VEG		6,420	5,040	5,730	172	100%

APPENDIX TABLE 4. ACREAGE ACCORDING TO AGRICULTURAL COMMISSIONER, BY COUNTY

KERN COUNTY

Implan #		% Pertinent to SubAreas	Acres Harvested 1987	1986	Average	Ave. Acres Pert. to SA	Ave. as % of Total
	ALF						
13	Hay	1	101,363	89,000	95,182	95,182	100%
14	Seed	0	0	0	0	0	0%
11	Rice	0	596	550	573	0	0%
13	Irrigated Pasture	0	6,500	7,500	7,000	0	0%
	TOTAL ALF		108,459	97,050	102,755	95,182	100%
	TFN						
17	Almonds	1	74,157	79,481	76,819	53,773	39%
16	Apples	1	2,908	2,601	2,755	1,377	1%
16	Apricots	1	454	352	403	202	0%
16	Olives	1	3,147	3,467	3,307	1,654	1%
16	Peaches	1	1,626	1,646	1,636	818	1%
17	Walnuts	1	1,899	1,313	1,606	803	1%
17	Pistachios	1	14,567	13,071	13,819	8,982	7%
16	Grapes	1	75,972	82,650	79,311	63,449	46%
16	Nectarines	1	1,362	1,449	1,406	703	1%
16	Oranges	0	17,205	16,783	16,994	5,098	4%
	TOTAL TFN		193,297	202,813	198,055	136,859	100%
	ROW						
10	Cotton	1	280,800	235,000	257,900	245,005	91%
19	Sugar Beets	1	10,650	9,900	10,275	10,275	4%
18	Processing Tomatoes	1	2,400	2,420	2,410	1,928	1%
12	Corn	1	4,680	10,000	7,340	7,340	3%
12	Sorghum	1	4,000	4,520	4,260	4,260	2%
12	Other - Dry Beans	0	0	0	0	0	0%
	TOTAL ROW		302,530	261,840	282,185	268,808	100%
	GRN						
11	Wheat	1	44,973	47,500	46,237	46,237	73%
12	Barley	0	0	0	0	0	0%
12	Oats	0	0	0	0	0	0%
12	Other Grains	1	15,000	20,000	17,500	17,500	27%
	TOTAL GRN		59,973	67,500	63,737	63,737	100%
	VEG						
18	Beans	0	0	0	0	0	0%
18	Melons	1	7,733	6,043	6,888	5,510	25%
18	Lettuce	1	5,628	5,341	5,485	4,388	20%
18	Spinach	0	0	0	0	0	0%
18	Onions	1	8,504	7,993	8,249	6,599	30%
18	Garlic	1	2,807	2,541	2,674	2,139	10%
18	Broccoli	0	0	0	0	0	0%
18	Peas	0	0	0	0	0	0%
18	Misc.	1	8,438	6,278	7,358	3,679	16%
	TOTAL VEG		33,110	28,196	30,653	22,315	100%

APPENDIX TABLE 5.
WADE CELL ACREAGE BY IMPLAN SECTOR

SAN JOAQUIN COUNTY

Implan #		Acres	Subtotals by Implan
10	Cotton	0	0
11	Rice	306	
11	Wheat	10,991	11,297
12	Corn	1,879	
12	Oats	1,656	
12	Sorghum	0	
12	Other Grains	0	
12	Barley	2,365	
12	Other - Dry Beans	3,318	9,218
13	Irrigated Pasture	461	
13	Hay	10,441	10,902
14	Seed-Alfalfa	0	0
16	Peaches	0	
16	Olives	0	
16	Nectarines	0	
16	Apricots	2,682	
16	Apples	132	
16	Oranges	0	
16	Grapes	0	2,814
17	Pistachios	0	
17	Walnuts	3,132	
17	Almonds	5,236	8,367
18	Processing Tomatoes	14,029	
18	Onions	0	
18	Beans	0	
18	Garlic	0	
18	Melons	0	
18	Broccoli	0	
18	Spinach	0	
18	Lettuce	0	
18	Misc. Vegetables	0	
18	Peas	0	14,029
19	Sugar Beets	4,328	4,328
	TOTAL	60,955	60,955

SUMMARY

SAN JOAQUIN COUNTY

Implan # and Sector		Acres
10	Cotton	0
11	Food Grains	11,297
12	Feed Grains	9,218
13	Hay & Pasture	10,902
14	Grass Seeds	0
16	Fruits	2,814
17	Tree Nuts	8,367
18	Vegetables	14,029
19	Sugar Crops	4,328
	TOTAL	60,955

APPENDIX TABLE 5.
STANISLAUS COUNTY

Implan #		Acres	Subtotals by implan
10	Cotton	0	0
11	Rice	0	
11	Wheat	1,603	1,603
12	Corn	1,190	
12	Oats	0	
12	Sorghum	0	
12	Other Grains	7,018	
12	Barley	995	
12	Other - Dry Beans	6,624	15,827
13	Irrigated Pasture	4,458	
13	Hay	43,088	47,545
14	Seed-Alfalfa	0	0
16	Peaches	428	
16	Olives	0	
16	Nectarines	0	
16	Apricots	7,075	
16	Apples	37	
16	Oranges	0	
16	Grapes	0	7,540
17	Pistachios	0	
17	Walnuts	6,338	
17	Almonds	10,602	16,940
18	Processing Tomatoes	3,129	
18	Onions	0	
18	Beans	2,288	
18	Garlic	0	
18	Melons	1,195	
18	Broccoli	111	
18	Spinach	610	
18	Lettuce	0	
18	Misc. Vegetables	231	
18	Peas	601	8,165
19	Sugar Beets	1,113	1,113
	TOTAL	98,733	98,733

STANISLAUS COUNTY

Implan # and Sector	Acres
10 Cotton	0
11 Food Grains	1,603
12 Feed Grains	15,827
13 Hay & Pasture	47,545
14 Grass Seeds	0
16 Fruits	7,540
17 Tree Nuts	16,940
18 Vegetables	8,165
19 Sugar Crops	1,113
TOTAL	98,733

APPENDIX TABLE 5.
MERCED COUNTY

Implan #		Acres	Subtotals by Implan
10	Cotton	35,687	35,687
11	Rice	0	
11	Wheat	9,080	9,080
12	Corn	7,902	
12	Oats	1,666	
12	Sorghum	116	
12	Other Grains	8,212	
12	Barley	4,830	
12	Other - Dry Beans	3,282	26,009
13	Irrigated Pasture	26,210	
13	Hay	24,139	50,348
14	Seed-Alfalfa	0	0
16	Peaches	968	
16	Olives	11	
16	Nectarines	43	
16	Apricots	312	
16	Apples	0	
16	Oranges	0	
16	Grapes	2,346	3,680
17	Pistachios	1,176	
17	Walnuts	1,255	
17	Almonds	14,385	16,815
18	Processing Tomatoes	3,906	
18	Onions	0	
18	Beans	4,448	
18	Garlic	0	
18	Melons	15,719	
18	Broccoli	0	
18	Spinach	0	
18	Lettuce	0	
18	Misc. Vegetables	0	
18	Peas	995	25,069
19	Sugar Beets	10,579	10,579
	TOTAL	177,268	177,268

MERCED COUNTY

Implan # and Sector		Acres
10	Cotton	35,687
11	Food Grains	9,080
12	Feed Grains	26,009
13	Hay & Pasture	50,348
14	Grass Seeds	0
16	Fruits	3,680
17	Tree Nuts	16,815
18	Vegetables	25,069
19	Sugar Crops	10,579
	TOTAL	177,268

APPENDIX TABLE 5.
FRESNO COUNTY

Implan #		Acres	Subtotals by Implan
10	Cotton	284,588	284,588
11	Rice	5,400	
11	Wheat	44,272	49,672
12	Corn	2,836	
12	Oats	0	
12	Sorghum	0	
12	Other Grains	15,934	
12	Barley	21,602	
12	Other - Dry Beans	4,816	45,188
13	Irrigated Pasture	779	
13	Hay	15,574	16,353
14	Seed-Alfalfa	34,088	34,088
16	Peaches	0	
16	Olives	0	
16	Nectarines	131	
16	Apricots	205	
16	Apples	0	
16	Oranges	170	
16	Grapes	6,968	7,474
17	Pistachios	574	
17	Walnuts	270	
17	Almonds	8,378	9,222
18	Processing Tomatoes	59,366	
18	Onions	8,340	
18	Beans	0	
18	Garlic	8,659	
18	Melons	28,316	
18	Broccoli	5,301	
18	Spinach	0	
18	Lettuce	12,270	
18	Misc. Vegetables	0	
18	Peas	0	122,250
19	Sugar Beets	18,405	18,405
	TOTAL	587,240	587,240

FRESNO COUNTY

Implan # and Sector		Acres
10	Cotton	284,588
11	Food Grains	49,672
12	Feed Grains	45,188
13	Hay & Pasture	16,353
14	Grass Seeds	34,088
16	Fruits	7,474
17	Tree Nuts	9,222
18	Vegetables	122,250
19	Sugar Crops	18,405
	TOTAL	587,240

APPENDIX TABLE 5.
KINGS COUNTY

Implan #		Acres	Subtotals by Implan
10	Cotton	323,750	323,750
11	Rice	0	
11	Wheat	60,313	60,313
12	Corn	5,066	
12	Oats	0	
12	Sorghum	1,869	
12	Other Grains	9,053	
12	Barley	57,204	
12	Other - Dry Beans	4,307	77,498
13	Irrigated Pasture	14,979	
13	Hay	12,811	27,790
14	Seed-Alfalfa	20,723	20,723
16	Peaches	1,819	
16	Olives	1,354	
16	Nectarines	785	
16	Apricots	141	
16	Apples	0	
16	Oranges	0	
16	Grapes	3,509	7,608
17	Pistachios	3,527	
17	Walnuts	5,989	
17	Almonds	3,040	12,556
18	Processing Tomatoes	2,170	
18	Onions	577	
18	Beans	0	
18	Garlic	0	
18	Melons	2,170	
18	Broccoli	738	
18	Spinach	0	
18	Lettuce	0	
18	Misc. Vegetables	6,231	
18	Peas	0	11,887
19	Sugar Beets	2,541	2,541
	TOTAL	544,669	544,669

KINGS COUNTY

Implan # and Sector		Acres
10	Cotton	323,750
11	Food Grains	60,313
12	Feed Grains	77,498
13	Hay & Pasture	27,790
14	Grass Seeds	20,723
16	Fruits	7,608
17	Tree Nuts	12,556
18	Vegetables	11,887
19	Sugar Crops	2,541
	TOTAL	544,669

APPENDIX TABLE 5.
TULARE COUNTY

Implan #		Acres	Subtotals by Implan
10	Cotton	55,202	55,202
11	Rice	0	
11	Wheat	1,846	1,846
12	Corn	3,882	
12	Oats	0	
12	Sorghum	1,557	
12	Other Grains	219	
12	Barley	869	
12	Other - Dry Beans	5,661	12,189
13	Irrigated Pasture	0	
13	Hay	5,195	5,195
14	Seed-Alfalfa	0	0
16	Peaches	0	
16	Olives	0	
16	Nectarines	0	
16	Apricots	0	
16	Apples	0	
16	Oranges	0	
16	Grapes	0	0
17	Pistachios	423	
17	Walnuts	417	
17	Almonds	2,972	3,812
18	Processing Tomatoes	0	
18	Onions	0	
18	Beans	0	
18	Garlic	0	
18	Melons	0	
18	Broccoli	0	
18	Spinach	0	
18	Lettuce	0	
18	Misc. Vegetables	247	
18	Peas	0	247
19	Sugar Beets	1,514	1,514
	TOTAL	80,005	80,005

TULARE COUNTY

Implan # and Sector		Acres
10	Cotton	55,202
11	Food Grains	1,846
12	Feed Grains	12,189
13	Hay & Pasture	5,195
14	Grass Seeds	0
16	Fruits	0
17	Tree Nuts	3,812
18	Vegetables	247
19	Sugar Crops	1,514
	TOTAL	80,005

APPENDIX TABLE 5.
KERN COUNTY

Implan #		Acres	Subtotals by Implan
10	Cotton	215,069	215,069
11	Rice	0	
11	Wheat	39,247	39,247
12	Corn	6,443	
12	Oats	0	
12	Sorghum	3,739	
12	Other Grains	14,855	
12	Barley	0	
12	Other - Dry Beans	0	25,037
13	Irrigated Pasture	0	
13	Hay	77,053	77,053
14	Seed-Alfalfa	0	0
16	Peaches	582	
16	Olives	1,176	
16	Nectarines	500	
16	Apricots	143	
16	Apples	980	
16	Oranges	3,627	
16	Grapes	45,139	52,148
17	Pistachios	6,390	
17	Walnuts	571	
17	Almonds	38,256	45,217
18	Processing Tomatoes	1,692	
18	Onions	6,891	
18	Beans	0	
18	Garlic	2,234	
18	Melons	5,755	
18	Broccoli	0	
18	Spinach	0	
18	Lettuce	4,582	
18	Misc. Vegetables	3,842	
18	Peas	0	24,997
19	Sugar Beets	9,020	9,020
	TOTAL	487,788	487,788

KERN COUNTY

Implan # and Sector		Acres
10	Cotton	215,069
11	Food Grains	39,247
12	Feed Grains	25,037
13	Hay & Pasture	77,053
14	Grass Seeds	0
16	Fruits	52,148
17	Tree Nuts	45,217
18	Vegetables	24,997
19	Sugar Crops	9,020
	TOTAL	487,788

APPENDIX TABLE 6.
WADE CELL ACREAGE BY AGRICULTURAL COMMISSIONER'S CATEGORY

SAN JOAQUIN COUNTY

Implan #		Acres
	ALF	
13	Hay	10,441
14	Seed	0
11	Rice	306
13	Irrigated Pasture	461
	TOTAL ALF	11,208
	TFN	
17	Almonds	5,236
16	Apples	132
16	Apricots	2,682
16	Olives	0
16	Peaches	0
17	Walnuts	3,132
17	Pistachios	0
16	Grapes	0
16	Nectarines	0
16	Oranges	0
	TOTAL TFN	11,182
	ROW	
10	Cotton	0
19	Sugar Beets	4,328
18	Processing Tomatoes	14,029
12	Corn	1,879
12	Sorghum	0
12	Other - Dry Beans	3,318
	TOTAL ROW	23,553
	GRN	
11	Wheat	10,991
12	Barley	2,365
12	Oats	1,656
12	Other Grains	0
	TOTAL GRN	15,012
	VEG	
18	Beans	0
18	Melons	0
18	Lettuce	0
18	Spinach	0
18	Onions	0
18	Garlic	0
18	Broccoli	0
18	Peas	0
18	Misc.	0
	TOTAL VEG	0

APPENDIX TABLE 6.
STANISLAUS COUNTY

Implan #		Acres
	ALF	
13	Hay	43,088
14	Seed	0
11	Rice	0
13	Irrigated Pasture	4,458
	TOTAL ALF	47,545
	TFN	
17	Almonds	10,602
16	Apples	37
16	Apricots	7,075
16	Olives	0
16	Peaches	428
17	Walnuts	6,338
17	Pistachios	0
16	Grapes	0
16	Nectarines	0
16	Oranges	0
	TOTAL TFN	24,480
	ROW	
10	Cotton	0
19	Sugar Beets	1,113
18	Processing Tomatoes	3,129
12	Corn	1,190
12	Sorghum	0
12	Other - Dry Beans	6,624
	TOTAL ROW	12,056
	GRN	
11	Wheat	1,603
12	Barley	995
12	Oats	0
12	Other Grains	7,018
	TOTAL GRN	9,616
	VEG	
18	Beans	2,288
18	Melons	1,195
18	Lettuce	0
18	Spinach	610
18	Onions	0
18	Garlic	0
18	Broccoli	111
18	Peas	601
18	Misc.	231
	TOTAL VEG	5,036

APPENDIX TABLE 6.
MERCED COUNTY

Implan #		Acres
	ALF	
13	Hay	24,139
14	Seed	0
11	Rice	0
13	Irrigated Pasture	26,210
	TOTAL ALF	50,348
	TFN	
17	Almonds	14,385
16	Apples	0
16	Apricots	312
16	Olives	11
16	Peaches	968
17	Walnuts	1,255
17	Pistachios	1,176
16	Grapes	2,346
16	Nectarines	43
16	Oranges	0
	TOTAL TFN	20,495
	ROW	
10	Cotton	35,687
19	Sugar Beets	10,579
18	Processing Tomatoes	3,906
12	Corn	7,902
12	Sorghum	116
12	Other - Dry Beans	3,282
	TOTAL ROW	61,473
	GRN	
11	Wheat	9,080
12	Barley	4,830
12	Oats	1,666
12	Other Grains	8,212
	TOTAL GRN	23,789
	VEG	
18	Beans	4,448
18	Melons	15,719
18	Lettuce	0
18	Spinach	0
18	Onions	0
18	Garlic	0
18	Broccoli	0
18	Peas	995
18	Misc.	0
	TOTAL VEG	21,162

APPENDIX TABLE 6.
FRESNO COUNTY

Implan #		Acres
	ALF	
13	Hay	15,574
14	Seed	34,088
11	Rice	5,400
13	Irrigated Pasture	779
	TOTAL ALF	55,841
	TFN	
17	Almonds	8,378
16	Apples	0
16	Apricots	205
16	Olives	0
16	Peaches	0
17	Walnuts	270
17	Pistachios	574
16	Grapes	6,968
16	Nectarines	131
16	Oranges	170
	TOTAL TFN	16,695
	ROW	
10	Cotton	284,588
19	Sugar Beets	18,405
18	Processing Tomatoes	59,366
12	Corn	2,836
12	Sorghum	0
12	Other - Dry Beans	4,816
	TOTAL ROW	370,011
	GRN	
11	Wheat	44,272
12	Barley	21,602
12	Oats	0
12	Other Grains	15,934
	TOTAL GRN	81,808
	VEG	
18	Beans	0
18	Melons	28,316
18	Lettuce	12,270
18	Spinach	0
18	Onions	8,340
18	Garlic	8,659
18	Broccoli	5,301
18	Peas	0
18	Misc.	0
	TOTAL VEG	62,885

APPENDIX TABLE 6.
KINGS COUNTY

Implan #		Acres
	ALF	
13	Hay	12,811
14	Seed	20,723
11	Rice	0
13	Irrigated Pasture	14,979
	TOTAL ALF	48,514
	TFN	
17	Almonds	3,040
16	Apples	0
16	Apricots	141
16	Olives	1,354
16	Peaches	1,819
17	Walnuts	5,989
17	Pistachios	3,527
16	Grapes	3,509
16	Nectarines	785
16	Oranges	0
	TOTAL TFN	20,165
	ROW	
10	Cotton	323,750
19	Sugar Beets	2,541
18	Processing Tomatoes	2,170
12	Corn	5,066
12	Sorghum	1,869
12	Other - Dry Beans	4,307
	TOTAL ROW	339,703
	GRN	
11	Wheat	60,313
12	Barley	57,204
12	Oats	0
12	Other Grains	9,053
	TOTAL GRN	126,570
	VEG	
18	Beans	0
18	Melons	2,170
18	Lettuce	0
18	Spinach	0
18	Onions	577
18	Garlic	0
18	Broccoli	738
18	Peas	0
18	Misc.	6,231
	TOTAL VEG	9,717

APPENDIX TABLE 6.
TULARE COUNTY

Implan #		Acres
	ALF	
13	Hay	5,195
14	Seed	0
11	Rice	0
13	Irrigated Pasture	0
	TOTAL ALF	5,195
	TFN	
17	Almonds	2,972
16	Apples	0
16	Apricots	0
16	Olives	0
16	Peaches	0
17	Walnuts	417
17	Pistachios	423
16	Grapes	0
16	Nectarines	0
16	Oranges	0
	TOTAL TFN	3,812
	ROW	
10	Cotton	55,202
19	Sugar Beets	1,514
18	Processing Tomatoes	0
12	Corn	3,882
12	Sorghum	1,557
12	Other - Dry Beans	5,661
	TOTAL ROW	67,817
	GRN	
11	Wheat	1,846
12	Barley	869
12	Oats	0
12	Other Grains	219
	TOTAL GRN	2,935
	VEG	
18	Beans	0
18	Melons	0
18	Lettuce	0
18	Spinach	0
18	Onions	0
18	Garlic	0
18	Broccoli	0
18	Peas	0
18	Misc.	247
	TOTAL VEG	247

APPENDIX TABLE 6.
KERN COUNTY

Implan #		Acres
	ALF	
13	Hay	77,053
14	Seed	0
11	Rice	0
13	Irrigated Pasture	0
	TOTAL ALF	77,053
	TFN	
17	Almonds	38,256
16	Apples	980
16	Apricots	143
16	Olives	1,176
16	Peaches	582
17	Walnuts	571
17	Pistachios	6,390
16	Grapes	45,139
16	Nectarines	500
16	Oranges	3,627
	TOTAL TFN	97,365
	ROW	
10	Cotton	215,069
19	Sugar Beets	9,020
18	Processing Tomatoes	1,692
12	Corn	6,443
12	Sorghum	3,739
12	Other - Dry Beans	0
	TOTAL ROW	235,964
	GRN	
11	Wheat	39,247
12	Barley	0
12	Oats	0
12	Other Grains	14,855
	TOTAL GRN	54,102
	VEG	
18	Beans	0
18	Melons	5,755
18	Lettuce	4,582
18	Spinach	0
18	Onions	6,891
18	Garlic	2,234
18	Broccoli	0
18	Peas	0
18	Misc.	3,842
	TOTAL VEG	23,304

APPENDIX TABLE 7.

AGRICULTURAL COMMISSIONER'S DOLLAR VALUE PER ACRE BY IMPLAN SECTORS

SAN JOAQUIN COUNTY

Implan #		% Pertinent to SubAreas	Acres Harvested 1987	1986	Average	Total Dollar Value 1987	1986	Average
10	Cotton	0%	0	0	0	0	0	0
11	Rice	9%	4,320	4,750	4,535	1,397,000	2,348,000	1,872,500
11	Wheat	5%	41,000	45,800	43,400	9,862,000	9,680,000	9,771,000
12	Corn	2%	51,700	61,000	56,350	20,424,000	22,497,000	21,460,500
12	Oats	10%	3,620	2,920	3,270	502,000	382,000	442,000
12	Sorghum	0%	265	630	448	56,300	125,000	90,650
12	Other Grains	0%	0	0	0	0	0	0
12	Barley	7%	6,370	6,970	6,670	1,400,000	1,184,000	1,292,000
12	Other - Dry Beans	10%	20,600	19,200	19,900	12,144,000	12,590,000	12,367,000
13	Irrigated Pasture	2%	30,600	30,800	30,700	3,926,000	4,006,000	3,966,000
13	Hay	25%	54,800	56,500	55,650	29,749,000	30,657,000	30,203,000
14	Seed-Alfalfa	0%	0	0	0	0	0	0
16	Peaches	0%	2,250	2,860	2,555	7,500,000	7,425,000	7,462,500
16	Olives	0%	0	0	0	0	0	0
16	Nectarines	0%	0	0	0	0	0	0
16	Apricots	100%	2,940	3,010	2,975	5,264,000	5,391,000	5,327,500
16	Apples	11%	1,400	1,270	1,335	6,458,000	6,688,000	6,573,000
16	Oranges	0%	0	0	0	0	0	0
16	Grapes	0%	49,200	51,700	50,450	65,129,000	73,088,000	69,108,500
17	Pistachios	0%	0	0	0	0	0	0
17	Walnuts	14%	24,314	25,318	24,816	40,885,000	24,232,000	32,558,500
17	Almonds	16%	36,200	36,400	36,300	63,068,000	29,098,000	46,083,000
18	Processing Tomatoes	45%	18,600	18,800	18,700	31,408,000	29,712,000	30,560,000
18	Onions	12%	1,700	1,650	1,675	8,593,000	5,374,000	6,983,500
18	Beans	25%	643	228	436	343,000	125,000	234,000
18	Garlic	0%	0	0	0	0	0	0
18	Melons	15%	2,630	1,990	2,310	2,853,000	2,638,000	2,745,500
18	Broccoli	0%	0	0	0	0	0	0
18	Spinach	0%	0	0	0	0	0	0
18	Lettuce	0%	0	0	0	0	0	0
18	Misc. Vegetables	60%	1,880	2,920	2,400	2,491,000	4,505,000	3,498,000
18	Peas	0%	0	0	0	0	0	0
19	Sugar Beets	8%	36,800	28,100	32,450	34,059,000	23,823,000	28,941,000

APPENDIX TABLE 7.

SAN JOAQUIN COUNTY

Implan #		Dollar Value Per Acre			Avg. Dollar Value/Acre	by
		1987	1986	Average	Pertinent to SA	Implan #
10	Cotton	0.00	0.00	0.00	0.00	10
11	Rice	323.38	494.32	412.90		
11	Wheat	240.54	211.35	225.14	254.86	11
12	Corn	395.05	368.80	380.84		
12	Oats	138.67	130.82	135.17		
12	Sorghum	212.45	198.41	202.57		
12	Other Grains	0.00	0.00	0.00		
12	Barley	219.78	169.87	193.70		
12	Other - Dry Beans	589.51	655.73	621.46	460.39	12
13	Irrigated Pasture	128.30	130.06	129.19		
13	Hay	543	543	542.73	525.25	13
14	Seed-Alfalfa	0.00	0.00	0.00	0.00	14
16	Peaches	3,333.33	2,596.15	2,920.74		
16	Olives	0.00	0.00	0.00		
16	Nectarines	0.00	0.00	0.00		
16	Apricots	1,790.48	1,791.03	1,790.76		
16	Apples	4,612.86	5,266.14	4,923.60		
16	Oranges	0.00	0.00	0.00		
16	Grapes	1,323.76	1,413.69	1,369.84	1938.12	16
17	Pistachios	0.00	0.00	0.00		
17	Walnuts	1,681.54	957.11	1,312.00		
17	Almonds	1,742.21	799.40	1,269.50	1285.41	17
18	Processing Tomatoes	1,688.60	1,580.43	1,634.22		
18	Onions	5,054.71	3,256.97	4,169.25		
18	Beans	533.44	548.25	537.31		
18	Garlic	0.00	0.00	0.00		
18	Melons	1,084.79	1,325.63	1,188.53		
18	Broccoli	0.00	0.00	0.00		
18	Spinach	0.00	0.00	0.00		
18	Lettuce	0.00	0.00	0.00		
18	Misc. Vegetables	1,325.00	1,542.81	1,457.50		
18	Peas	0.00	0.00	0.00	1632.44	18
19	Sugar Beets	925.52	847.79	891.86	891.86	19

APPENDIX TABLE 7.

AGRICULTURAL COMMISSIONER'S DOLLAR VALUE PER ACRE BY IMPLAN SECTORS

STANISLAUS COUNTY

Implan #		% Pertinent to SubAreas	Acres Harvested 1987	1986	Average	Total Dollar Value 1987	1986	Average
10	Cotton	0%	0	0	0	0	0	0
11	Rice	0%	4,575	2,157	3,366	2,476,000	976,000	1,726,000
11	Wheat	20%	4,590	4,831	4,711	1,074,000	1,203,000	1,138,500
12	Corn	60%	6,931	6,729	6,830	2,543,000	2,154,000	2,348,500
12	Oats	0%	0	0	0	0	0	0
12	Sorghum	0%	0	0	0	0	0	0
12	Other Grains	25%	16,500	16,500	16,500	2,960,000	2,796,000	2,878,000
12	Barley	12%	4,850	4,900	4,875	538,000	429,000	483,500
12	Other - Dry Beans	70%	32,382	32,780	32,581	18,402,000	17,250,000	17,826,000
13	Irrigated Pasture	2%	75,500	75,500	75,500	9,438,000	9,438,000	9,438,000
13	Hay	55%	26,930	26,146	26,538	13,776,000	13,543,000	13,659,500
14	Seed-Alfalfa	0%	0	0	0	0	0	0
16	Peaches	5%	10,353	10,562	10,458	31,457,000	28,740,000	30,098,500
16	Olives	0%	0	0	0	0	0	0
16	Nectarines	0%	118	113	116	266,000	283,000	274,500
16	Apricots	98%	8,777	8,866	8,822	21,284,000	6,327,000	13,805,500
16	Apples	10%	610	304	457	1,459,000	897,000	1,178,000
16	Oranges	0%	0	0	0	0	0	0
16	Grapes	0%	16,950	17,244	17,097	23,160,000	18,794,000	20,977,000
17	Pistachios	0%	0	0	0	0	0	0
17	Walnuts	33%	23,702	23,237	23,470	35,553,000	31,860,000	33,706,500
17	Almonds	20%	65,417	64,134	64,776	133,537,000	67,642,000	100,589,500
18	Processing Tomatoes	100%	11,300	10,250	10,775	17,354,000	16,027,000	16,690,500
18	Onions	0%	0	0	0	0	0	0
18	Beans	100%	12,500	12,302	12,401	7,340,000	7,724,000	7,532,000
18	Garlic	0%	0	0	0	0	0	0
18	Melons	100%	6,670	6,282	6,476	8,073,000	10,513,000	9,293,000
18	Broccoli	80%	755	750	753	650,000	791,000	720,500
18	Spinach	100%	3,242	3,373	3,308	2,218,000	2,174,000	2,196,000
18	Lettuce	0%	0	0	0	0	0	0
18	Misc. Vegetables	100%	1,290	1,210	1,250	1,600,000	1,452,000	1,526,000
18	Peas	95%	2,978	3,880	3,429	937,000	1,696,000	1,316,500
19	Sugar Beets	100%	3,870	3,794	3,832	3,167,000	2,904,000	3,035,500

APPENDIX TABLE 7.

STANISLAUS COUNTY

Implan #		Dollar Value Per Acre 1987	1986	Average	Avg. Dollar Value/Acre Pertinent to SA	by Implan #
10	Cotton	0.00	0.00	0.00	0.00	10
11	Rice	541.20	452.48	512.77		
11	Wheat	233.99	249.02	241.69	241.69	11
12	Corn	366.90	320.11	343.85		
12	Oats	0.00	0.00	0.00		
12	Sorghum	0.00	0.00	0.00		
12	Other Grains	179.39	169.45	174.42		
12	Barley	110.93	87.55	99.18		
12	Other - Dry Beans	568.28	526.24	547.13	463.86	12
13	Irrigated Pasture	125.01	125.01	125.01		
13	Hay	511.55	517.98	514.71	478.18	13
14	Seed-Alfalfa	0.00	0.00	0.00	0.00	14
16	Peaches	3,038.44	2,721.08	2,878.17		
16	Olives	0.00	0.00	0.00		
16	Nectarines	2,254.24	2,504.42	2,376.62		
16	Apricots	2,424.97	713.63	1,564.98		
16	Apples	2,391.80	2,950.66	2,577.68		
16	Oranges	0.00	0.00	0.00		
16	Grapes	1,366.37	1,089.89	1,226.94	1644.53	16
17	Pistachios	0.00	0.00	0.00		
17	Walnuts	1,500.00	1,371.09	1,436.18		
17	Almonds	2,041.32	1,054.70	1,552.89	1509.23	17
18	Processing Tomatoes	1,535.75	1,563.61	1,549.00		
18	Onions	0.00	0.00	0.00		
18	Beans	587.20	627.87	607.37		
18	Garlic	0.00	0.00	0.00		
18	Melons	1,210.34	1,673.51	1,434.99		
18	Broccoli	860.93	1,054.67	957.48		
18	Spinach	684.15	644.53	663.95		
18	Lettuce	0.00	0.00	0.00		
18	Misc. Vegetables	1,240.31	1,200.00	1,220.80		
18	Peas	314.64	437.11	383.93	1026.15	18
19	Sugar Beets	818.35	765.42	792.15	792.15	19

APPENDIX TABLE 7.

AGRICULTURAL COMMISSIONER'S DOLLAR VALUE PER ACRE BY IMPLAN SECTORS

MERCED COUNTY

Implan #		% Pertinent to SubAreas	Acres Harvested			Total Dollar Value		
			1987	1986	Average	1987	1986	Average
10	Cotton	100%	58,500	53,500	56,000	59,254,000	42,307,000	50,780,500
11	Rice	0%	7,100	8,380	7,740	3,777,000	4,108,000	3,942,500
11	Wheat	100%	14,100	13,100	13,600	3,229,000	2,939,000	3,084,000
12	Corn	100%	11,300	13,500	12,400	5,718,000	6,020,000	5,869,000
12	Oats	100%	2,760	2,230	2,495	604,000	356,000	480,000
12	Sorghum	100%	80	285	183	18,000	67,000	42,500
12	Other Grains	100%	12,700	11,900	12,300	2,368,000	1,944,000	2,156,000
12	Barley	100%	5,040	9,430	7,235	582,000	1,592,000	1,087,000
12	Other - Dry Beans	100%	5,230	5,070	5,150	2,770,000	2,638,000	2,704,000
13	Irrigated Pasture	50%	83,000	83,000	83,000	9,130,000	9,960,000	9,545,000
13	Hay	75%	69,040	66,860	67,950	44,552,000	43,146,000	43,849,000
14	Seed-Alfalfa	0%	0	0	0	0	0	0
16	Peaches	50%	4,208	4,368	4,288	13,089,000	10,307,000	11,698,000
16	Olives	50%	45	55	50	45,000	90,000	67,500
16	Nectarines	50%	184	196	190	913,000	929,000	921,000
16	Apricots	50%	1,411	1,354	1,383	3,689,000	1,564,000	2,626,500
16	Apples	0%	0	0	0	0	0	0
16	Oranges	0%	0	0	0	0	0	0
16	Grapes	35%	15,521	14,163	14,842	20,364,000	16,552,000	18,458,000
17	Pistachios	75%	3,683	3,259	3,471	4,704,000	6,060,000	5,382,000
17	Walnuts	35%	7,870	8,009	7,940	11,280,000	9,994,000	10,637,000
17	Almonds	50%	64,532	62,895	63,714	124,072,000	73,314,000	98,693,000
18	Processing Tomatoes	100%	6,400	5,860	6,130	9,094,000	9,537,000	9,315,500
18	Onions	0%	0	0	0	0	0	0
18	Beans	100%	3,490	1,750	2,620	1,479,000	1,182,000	1,330,500
18	Garlic	0%	0	0	0	0	0	0
18	Melons	75%	10,370	14,320	12,345	15,187,000	27,541,000	21,364,000
18	Broccoli	0%	0	0	0	0	0	0
18	Spinach	0%	0	0	0	0	0	0
18	Lettuce	0%	0	0	0	0	0	0
18	Misc. Vegetables	0%	7,190	3,851	5,521	25,931,000	14,663,000	20,297,000
18	Peas	100%	430	742	586	116,000	151,000	133,500
19	Sugar Beets	100%	19,100	14,100	16,600	19,439,000	14,692,000	17,065,500

APPENDIX TABLE 7.

MERCED COUNTY

Implan #		Dollar Value Per Acre 1987	 1986	Average	Avg. Dollar Value/Acre Pertinent to SA	by Implan #
10	Cotton	1,012.89	790.79	906.79	906.79	10
11	Rice	531.97	490.21	509.37		
11	Wheat	229.01	224.35	226.76	226.76	11
12	Corn	506.02	445.93	473.31		
12	Oats	218.84	159.64	192.38		
12	Sorghum	225.00	235.09	232.88		
12	Other Grains	186.46	163.36	175.28		
12	Barley	115.48	168.82	150.24		
12	Other - Dry Beans	529.64	520.32	525.05	310.30	12
13	Irrigated Pasture	110.00	120.00	115.00		
13	Hay	645.31	645.32	645.31	407.29	13
14	Seed-Alfalfa	0.00	0.00	0.00	0.00	14
16	Peaches	3,110.50	2,359.66	2,728.08		
16	Olives	1,000.00	1,636.36	1,350.00		
16	Nectarines	4,961.96	4,739.80	4,847.37		
16	Apricots	2,614.46	1,155.10	1,899.82		
16	Apples	0.00	0.00	0.00		
16	Oranges	0.00	0.00	0.00		
16	Grapes	1,312.03	1,168.68	1,243.63	1732.13	16
17	Pistachios	1,277.22	1,859.47	1,550.56		
17	Walnuts	1,433.29	1,247.85	1,339.76		
17	Almonds	1,922.64	1,165.66	1,549.01	1533.51	17
18	Processing Tomatoes	1,420.94	1,627.47	1,519.66		
18	Onions	0.00	0.00	0.00		
18	Beans	423.78	675.43	507.82		
18	Garlic	0.00	0.00	0.00		
18	Melons	1,464.51	1,923.25	1,730.58		
18	Broccoli	0.00	0.00	0.00		
18	Spinach	0.00	0.00	0.00		
18	Lettuce	0.00	0.00	0.00		
18	Misc. Vegetables	3,606.54	3,807.58	3,676.66		
18	Peas	269.77	203.50	227.82	1441.40	18
19	Sugar Beets	1,017.75	1,041.99	1,028.04	1028.04	19

APPENDIX TABLE 7.

AGRICULTURAL COMMISSIONER'S DOLLAR VALUE PER ACRE BY IMPLAN SECTORS

FRESNO COUNTY

Implan #		% Pertinent to SubAreas	Acres Harvested 1987	1986	Average	Total Dollar Value 1987	1986	Average
10	Cotton	85%	382,000	331,000	356,500	453,640,000	333,304,000	393,472,000
11	Rice	95%	6,300	8,300	7,300	2,496,000	4,738,000	3,617,000
11	Wheat	45%	45,000	72,500	58,750	9,614,000	19,600,000	14,607,000
12	Corn	40%	8,100	7,000	7,550	2,955,000	2,943,000	2,949,000
12	Oats	0%	0	0	0	0	0	0
12	Sorghum	0%	0	0	0	0	0	0
12	Other Grains	55%	15,900	18,700	17,300	3,828,000	4,910,000	4,369,000
12	Barley	30%	42,000	44,000	43,000	5,799,000	5,706,000	5,752,500
12	Other - Dry Beans	35%	18,000	11,300	14,650	8,435,000	5,400,000	6,917,500
13	Irrigated Pasture	2%	50,000	50,000	50,000	5,500,000	5,500,000	5,500,000
13	Hay	25%	80,000	80,000	80,000	$61,248,000	$58,432,000	$59,840,000
14	Seed-Alfalfa	85%	49,000	54,000	51,500	33,074,000	35,841,000	34,457,500
16	Peaches	0%	12,403	11,947	12,175	65,072,000	64,475,000	64,773,500
16	Olives	0%	1,138	1,111	1,125	1,242,000	1,524,000	1,383,000
16	Nectarines	1%	12,255	11,771	12,013	63,600,000	63,002,000	63,301,000
16	Apricots	40%	485	451	468	3,287,000	1,636,000	2,461,500
16	Apples	0%	0	0	0	0	0	0
16	Oranges	1%	15,442	15,705	15,574	55,260,000	52,595,000	53,927,500
16	Grapes	3%	210,632	214,456	212,544	393,833,000	400,149,000	396,991,000
17	Pistachios	100%	687	363	525	874,000	1,061,000	967,500
17	Walnuts	8%	3,101	3,078	3,090	2,679,000	3,060,000	2,869,500
17	Almonds	25%	30,648	30,685	30,667	61,152,000	50,220,000	55,686,000
18	Processing Tomatoes	99%	64,900	62,800	63,850	102,763,000	103,785,000	103,274,000
18	Onions	90%	12,910	11,340	12,125	21,962,000	18,612,000	20,287,000
18	Beans	0%	0	0	0	0	0	0
18	Garlic	100%	12,700	9,960	11,330	37,070,000	30,871,000	33,970,500
18	Melons	98%	42,047	33,570	37,809	64,363,000	60,813,000	62,588,000
18	Broccoli	80%	9,700	7,640	8,670	31,164,000	17,081,000	24,122,500
18	Spinach	0%	0	0	0	0	0	0
18	Lettuce	100%	17,810	14,300	16,055	81,937,000	57,403,000	69,670,000
18	Misc. Vegetables	0%	12,950	11,800	12,375	24,534,000	16,801,000	20,667,500
18	Peas	0%	0	0	0	0	0	0
19	Sugar Beets	65%	33,200	27,100	30,150	33,618,000	23,403,000	28,510,500

APPENDIX TABLE 7.

FRESNO COUNTY

Implan #		Dollar Value Per Acre 1987	1986	Average	Avg. Dollar Value/Acre Pertinent to SA	by Implan #
10	Cotton	1,187.54	1,006.96	1,103.71	1103.71	10
11	Rice	396.19	570.84	495.48		
11	Wheat	213.64	270.34	248.63	299.93	11
12	Corn	364.81	420.43	390.60		
12	Oats	0.00	0.00	0.00		
12	Sorghum	0.00	0.00	0.00		
12	Other Grains	240.75	262.57	252.54		
12	Barley	138.07	129.68	133.78		
12	Other - Dry Beans	468.61	477.88	472.18	252.91	12
13	Irrigated Pasture	110.00	110.00	110.00		
13	Hay	$765.60	$730.40	$748.00	717.62	13
14	Seed-Alfalfa	674.98	663.72	669.08	669.08	14
16	Peaches	5,246.47	5,396.75	5,320.21		
16	Olives	1,091.39	1,371.74	1,229.88		
16	Nectarines	5,189.72	5,352.31	5,269.37		
16	Apricots	6,777.32	3,627.49	5,259.62		
16	Apples	0.00	0.00	0.00		
16	Oranges	3,578.55	3,348.93	3,462.77		
16	Grapes	1,869.77	1,865.88	1,867.81	2056.71	16
17	Pistachios	1,272.20	2,922.87	1,842.86		
17	Walnuts	863.91	994.15	928.79		
17	Almonds	1,995.30	1,636.63	1,815.86	1791.56	17
18	Processing Tomatoes	1,583.41	1,652.63	1,617.45		
18	Onions	1,701.16	1,641.27	1,673.15		
18	Beans	0.00	0.00	0.00		
18	Garlic	2,918.90	3,099.50	2,998.28		
18	Melons	1,530.74	1,811.53	1,655.39		
18	Broccoli	3,212.78	2,235.73	2,782.30		
18	Spinach	0.00	0.00	0.00		
18	Lettuce	4,600.62	4,014.20	4,339.46		
18	Misc. Vegetables	1,894.52	1,423.81	1,670.10		
18	Peas	0.00	0.00	0.00	2094.71	18
19	Sugar Beets	1,012.59	863.58	945.62	945.62	19

APPENDIX TABLE 7.

AGRICULTURAL COMMISSIONER'S DOLLAR VALUE PER ACRE BY IMPLAN SECTORS

KINGS COUNTY

Implan #		% Pertinent to SubAreas	Acres Harvested			Total Dollar Value		
			1987	1986	Average	1987	1986	Average
10	Cotton	98%	259,347	218,000	238,674	274,789,000	196,129,000	235,459,000
11	Rice	0%	0	0	0	0	0	0
11	Wheat	100%	55,120	22,718	38,919	17,281,000	6,297,000	11,789,000
12	Corn	30%	13,400	11,000	12,200	6,181,000	5,217,000	5,699,000
12	Oats	100%	0	0	0	0	0	0
12	Sorghum	100%	1,200	1,500	1,350	185,000	256,000	220,500
12	Other Grains	100%	2,973	8,710	5,842	556,000	1,402,000	979,000
12	Barley	100%	24,195	49,631	36,913	3,980,000	8,611,000	6,295,500
12	Other - Dry Beans	100%	1,951	4,272	3,112	1,346,000	2,039,000	1,692,500
13	Irrigated Pasture	95%	12,500	13,000	12,750	1,350,000	1,352,000	1,351,000
13	Hay	35%	30,161	29,033	29,597	$14,773,000	$13,740,000	$14,256,500
14	Seed-Alfalfa	90%	16,850	20,388	18,619	13,531,000	14,455,000	13,993,000
16	Peaches	55%	2,889	2,689	2,789	11,070,000	10,541,000	10,805,500
16	Olives	100%	1,142	1,142	1,142	1,814,000	3,335,000	2,574,500
16	Nectarines	50%	1,345	1,305	1,325	7,125,000	4,412,000	5,768,500
16	Apricots	50%	235	240	238	1,050,000	997,000	1,023,500
16	Apples	0%	0	0	0	0	0	0
16	Oranges	0%	0	0	0	0	0	0
16	Grapes	75%	4,161	3,732	3,947	7,215,000	6,387,000	6,801,000
17	Pistachios	90%	3,521	3,089	3,305	4,512,000	10,237,000	7,374,500
17	Walnuts	95%	5,347	5,287	5,317	7,392,000	7,344,000	7,368,000
17	Almonds	80%	3,208	3,203	3,206	4,749,000	6,097,000	5,423,000
18	Processing Tomatoes	100%	1,637	1,499	1,568	2,453,000	2,041,000	2,247,000
18	Onions	100%	525	406	466	464,000	619,000	541,500
18	Beans	0%	0	0	0	0	0	0
18	Garlic	0%	0	0	0	0	0	0
18	Melons	100%	1,986	1,514	1,750	2,256,000	3,414,000	2,835,000
18	Broccoli	80%	960	528	744	1,391,000	1,885,000	1,638,000
18	Spinach	0%	0	0	0	0	0	0
18	Lettuce	0%	0	0	0	0	0	0
18	Misc. Vegetables	80%	7,122	5,438	6,280	17,193,000	11,411,000	14,302,000
18	Peas	0%	0	0	0	0	0	0
19	Sugar Beets	100%	2,016	1,656	1,836	1,603,000	1,410,000	1,506,500

APPENDIX TABLE 7.

KINGS COUNTY

Implan #		Dollar Value Per Acre 1987	1986	Average	Avg. Dollar Value/Acre Pertinent to SA	by Implan #
10	Cotton	1,059.54	899.67	986.53	986.53	10
11	Rice	0.00	0.00	0.00		
11	Wheat	313.52	277.18	302.91	302.91	11
12	Corn	461.27	474.27	467.13		
12	Oats	0.00	0.00	0.00		
12	Sorghum	154.17	170.67	163.33		
12	Other Grains	187.02	160.96	167.59		
12	Barley	164.50	173.50	170.55		
12	Other - Dry Beans	689.90	477.29	543.95	214.19	12
13	Irrigated Pasture	108.00	104.00	105.96		
13	Hay	$489.80	$473.25	$481.69	279.16	13
14	Seed-Alfalfa	803.03	709.00	751.54	751.54	14
16	Peaches	3,831.78	3,920.04	3,874.33		
16	Olives	1,588.44	2,920.32	2,254.38		
16	Nectarines	5,297.40	3,380.84	4,353.58		
16	Apricots	4,468.09	4,154.17	4,309.47		
16	Apples	0.00	0.00	0.00		
16	Oranges	0.00	0.00	0.00		
16	Grapes	1,733.96	1,711.41	1,723.30	2651.41	16
17	Pistachios	1,281.45	3,314.02	2,231.32		
17	Walnuts	1,382.46	1,389.07	1,385.74		
17	Almonds	1,480.36	1,903.53	1,691.78	1697.35	17
18	Processing Tomatoes	1,498.47	1,361.57	1,433.04		
18	Onions	883.81	1,524.63	1,163.27		
18	Beans	0.00	0.00	0.00		
18	Garlic	0.00	0.00	0.00		
18	Melons	1,135.95	2,254.95	1,620.00		
18	Broccoli	1,448.96	3,570.08	2,201.61		
18	Spinach	0.00	0.00	0.00		
18	Lettuce	0.00	0.00	0.00		
18	Misc. Vegetables	2,414.07	2,098.38	2,277.39		
18	Peas	0.00	0.00	0.00	1954.28	18
19	Sugar Beets	795.14	851.45	820.53	820.53	19

APPENDIX TABLE 7.

AGRICULTURAL COMMISSIONER'S DOLLAR VALUE PER ACRE BY IMPLAN SECTORS

TULARE COUNTY

Implan #		% Pertinent to SubAreas	Acres Harvested			Total Dollar Value		
			1987	1986	Average	1987	1986	Average
10	Cotton	50%	148,300	124,720	136,510	143,626,000	97,668,000	120,647,000
11	Rice	0%	0	0	0	0	0	0
11	Wheat	50%	43,100	41,900	42,500	9,266,000	7,360,000	8,313,000
12	Corn	50%	8,200	11,000	9,600	3,158,000	4,031,000	3,594,500
12	Oats	0%	0	0	0	0	0	0
12	Sorghum	50%	3,700	4,000	3,850	654,000	721,000	687,500
12	Other Grains	50%	1,600	8,500	5,050	250,000	1,012,000	631,000
12	Barley	50%	21,000	19,000	20,000	3,881,000	3,422,000	3,651,500
12	Other - Dry Beans	50%	15,000	13,000	14,000	5,890,000	6,930,000	6,410,000
13	Irrigated Pasture	0%	10,000	15,000	12,500	1,100,000	1,650,000	1,375,000
13	Hay	50%	100,000	100,000	100,000	$63,058,000	$63,150,000	$63,104,000
14	Seed-Alfalfa	0%	0	0	0	0	0	0
16	Peaches	0%	5,665	5,490	5,578	30,558,000	28,966,000	29,762,000
16	Olives	0%	13,541	13,661	13,601	29,150,000	29,718,000	29,434,000
16	Nectarines	0%	7,617	7,573	7,595	61,880,000	40,154,000	51,017,000
16	Apricots	0%	395	322	359	3,266,000	685,000	1,975,500
16	Apples	0%	195	151	173	913,000	801,000	857,000
16	Oranges	0%	54,981	55,110	55,046	238,592,000	212,658,000	225,625,000
16	Grapes	0%	71,274	76,896	74,085	195,971,000	211,675,000	203,823,000
17	Pistachios	27%	2,242	1,445	1,844	3,271,000	2,820,000	3,045,500
17	Walnuts	2%	24,606	24,464	24,535	36,179,000	30,060,000	33,119,500
17	Almonds	35%	9,735	10,263	9,999	17,244,000	17,439,000	17,341,500
18	Processing Tomatoes	0%	0	0	0	0	0	0
18	Onions	0%	0	0	0	0	0	0
18	Beans	0%	0	0	0	0	0	0
18	Garlic	0%	0	0	0	0	0	0
18	Melons	0%	0	0	0	0	0	0
18	Broccoli	0%	0	0	0	0	0	0
18	Spinach	0%	0	0	0	0	0	0
18	Lettuce	0%	0	0	0	0	0	0
18	Misc. Vegetables	3%	6,420	5,040	5,730	11,581,000	11,763,000	11,672,000
18	Peas	0%	0	0	0	0	0	0
19	Sugar Beets	50%	3,610	3,880	3,745	3,509,000	3,466,000	3,487,500

APPENDIX TABLE 7.

TULARE COUNTY

Implan #		Dollar Value Per Acre 1987	1986	Average	Avg. Dollar Value/Acre Pertinent to SA	by Implan #
10	Cotton	968.48	783.10	883.80	883.80	10
11	Rice	0.00	0.00	0.00		
11	Wheat	214.99	175.66	195.60	195.60	11
12	Corn	385.12	366.45	374.43		
12	Oats	0.00	0.00	0.00		
12	Sorghum	176.76	180.25	178.57		
12	Other Grains	156.25	119.06	124.95		
12	Barley	184.81	180.11	182.58		
12	Other - Dry Beans	392.67	533.08	457.86	285.23	12
13	Irrigated Pasture	110.00	110.00	110.00		
13	Hay	$630.58	$631.50	$631.04	631.04	13
14	Seed-Alfalfa	0.00	0.00	0.00	0.00	14
16	Peaches	5,394.17	5,276.14	5,336.08		
16	Olives	2,152.72	2,175.39	2,164.11		
16	Nectarines	8,123.93	5,302.26	6,717.18		
16	Apricots	8,268.35	2,127.33	5,510.46		
16	Apples	4,682.05	5,304.64	4,953.76		
16	Oranges	4,339.54	3,858.79	4,098.88		
16	Grapes	2,749.54	2,752.74	2,751.20	0.00	16
17	Pistachios	1,458.97	1,951.56	1,652.02		
17	Walnuts	1,470.33	1,228.74	1,349.89		
17	Almonds	1,771.34	1,699.21	1,734.32	1683.16	17
18	Processing Tomatoes	0.00	0.00	0.00		
18	Onions	0.00	0.00	0.00		
18	Beans	0.00	0.00	0.00		
18	Garlic	0.00	0.00	0.00		
18	Melons	0.00	0.00	0.00		
18	Broccoli	0.00	0.00	0.00		
18	Spinach	0.00	0.00	0.00		
18	Lettuce	0.00	0.00	0.00		
18	Misc. Vegetables	1,803.89	2,333.93	2,037.00		
18	Peas	0.00	0.00	0.00	2037.00	18
19	Sugar Beets	972.02	893.30	931.24	931.24	19

APPENDIX TABLE 7.

AGRICULTURAL COMMISSIONER'S DOLLAR VALUE PER ACRE BY IMPLAN SECTORS

KERN COUNTY

Implan #		% Pertinent to SubAreas	Acres Harvested 1987	1986	Average	Total Dollar Value 1987	1986	Average
10	Cotton	95%	280,800	235,000	257,900	296,184,000	209,281,000	252,732,500
11	Rice	0%	596	550	573	212,000	263,000	237,500
11	Wheat	100%	44,973	47,500	46,237	12,054,000	12,423,000	12,238,500
12	Corn	100%	4,680	10,000	7,340	2,106,000	5,206,000	3,656,000
12	Oats	0%	0	0	0	0	0	0
12	Sorghum	100%	4,000	4,520	4,260	890,000	876,000	883,000
12	Other Grains	100%	15,000	20,000	17,500	2,805,000	3,600,000	3,202,500
12	Barley	0%	0	0	0	0	0	0
12	Other - Dry Beans	0%	0	0	0	0	0	0
13	Irrigated Pasture	0%	6,500	7,500	7,000	1,950,000	2,250,000	2,100,000
13	Hay	100%	101,363	89,000	95,182	$62,504,000	$60,573,000	$61,538,500
14	Seed-Alfalfa	0%	0	0	0	0	0	0
16	Peaches	50%	1,626	1,646	1,636	9,154,000	10,066,000	9,610,000
16	Olives	50%	3,147	3,467	3,307	4,694,000	6,629,000	5,661,500
16	Nectarines	50%	1,362	1,449	1,406	9,758,000	9,724,000	9,741,000
16	Apricots	50%	454	352	403	4,080,000	2,660,000	3,370,000
16	Apples	50%	2,908	2,601	2,755	13,530,000	16,764,000	15,147,000
16	Oranges	30%	17,205	16,783	16,994	67,521,000	65,328,000	66,424,500
16	Grapes	80%	75,972	82,650	79,311	193,044,000	222,934,000	207,989,000
17	Pistachios	65%	14,567	13,071	13,819	25,560,000	53,868,000	39,714,000
17	Walnuts	50%	1,899	1,313	1,606	2,862,000	2,318,000	2,590,000
17	Almonds	70%	74,157	79,481	76,819	145,145,000	166,635,000	155,890,000
18	Processing Tomatoes	80%	2,400	2,420	2,410	3,712,000	4,131,000	3,921,500
18	Onions	80%	8,504	7,993	8,249	19,247,000	14,264,000	16,755,500
18	Beans	0%	0	0	0	0	0	0
18	Garlic	80%	2,807	2,541	2,674	9,425,000	12,275,000	10,850,000
18	Melons	80%	7,733	6,043	6,888	10,089,000	17,479,000	13,784,000
18	Broccoli	0%	0	0	0	0	0	0
18	Spinach	0%	0	0	0	0	0	0
18	Lettuce	80%	5,628	5,341	5,485	35,556,000	22,990,000	29,273,000
18	Misc. Vegetables	50%	8,438	6,278	7,358	17,844,000	11,258,000	14,551,000
18	Peas	0%	0	0	0	0	0	0
19	Sugar Beets	100%	10,650	9,900	10,275	10,112,000	10,048,000	10,080,000

APPENDIX TABLE 7.

KERN COUNTY

Implan #		Dollar Value Per Acre			Avg. Dollar Value/Acre	by
		1987	1986	Average	Pertinent to SA	Implan #
10	Cotton	1,054.79	890.56	979.96	979.96	10
11	Rice	355.70	478.18	414.49		
11	Wheat	268.03	261.54	264.69	264.69	11
12	Corn	450.00	520.60	498.09		
12	Oats	0.00	0.00	0.00		
12	Sorghum	222.50	193.81	207.28		
12	Other Grains	187.00	180.00	183.00		
12	Barley	0.00	0.00	0.00		
12	Other - Dry Beans	0.00	0.00	0.00	266.03	12
13	Irrigated Pasture	300.00	300.00	300.00		
13	Hay	$616.64	$680.60	$646.54	646.54	13
14	Seed-Alfalfa	0.00	0.00	0.00	0.00	14
16	Peaches	5,629.77	6,115.43	5,874.08		
16	Olives	1,491.58	1,912.03	1,711.97		
16	Nectarines	7,164.46	6,710.84	6,930.63		
16	Apricots	8,986.78	7,556.82	8,362.28		
16	Apples	4,652.68	6,445.21	5,499.00		
16	Oranges	3,924.50	3,892.51	3,908.70		
16	Grapes	2,540.99	2,697.33	2,622.45	2838.79	16
17	Pistachios	1,754.65	4,121.18	2,873.87		
17	Walnuts	1,507.11	1,765.42	1,612.70		
17	Almonds	1,957.27	2,096.54	2,029.32	2143.41	17
18	Processing Tomatoes	1,546.67	1,707.02	1,627.18		
18	Onions	2,263.29	1,784.56	2,031.34		
18	Beans	0.00	0.00	0.00		
18	Garlic	3,357.68	4,830.78	4,057.59		
18	Melons	1,304.67	2,892.44	2,001.16		
18	Broccoli	0.00	0.00	0.00		
18	Spinach	0.00	0.00	0.00		
18	Lettuce	6,317.70	4,304.44	5,337.41		
18	Misc. Vegetables	2,114.72	1,793.25	1,977.58		
18	Peas	0.00	0.00	0.00	2761.32	18
19	Sugar Beets	949.48	1,014.95	981.02	981.02	19

APPENDIX TABLE 8. DSA AGRICULTURAL ACREAGE AND SALES (BY COUNTY)

SAN JOAQUIN COUNTY

Implan # and Sector	Acres	Sales Per Acre (Dollars)	Direct Commodity Sales (1987 $000's)	Output Multiplier	Indirect + Induced Sales (1987 $000's)	Total Gross Sales (1987 $000's)
10 Cotton	0	0.00	0	1.6960	0	0
11 Food Grains	11,297	254.86	2,879	1.8846	2,547	5,426
12 Feed Grains	9,218	460.39	4,244	1.6431	2,729	6,973
13 Hay & Pasture	10,902	525.25	5,726	1.6271	3,591	9,317
14 Grass Seeds	0	0.00	0	1.4743	0	0
16 Fruits	2,814	1,938.12	5,454	2.1757	6,413	11,867
17 Tree Nuts	8,367	1,285.41	10,756	2.2226	13,150	23,905
18 Vegetables	14,029	1,632.44	22,901	1.7867	18,016	40,918
19 Sugar Crops	4,328	891.86	3,860	1.8735	3,372	7,231
Total	60,955	915.76	55,820		49,817	105,637

STANISLAUS COUNTY

Implan # and Sector	Acres	Sales Per Acre (Dollars)	Direct Commodity Sales (1987 $000's)	Output Multiplier	Indirect + Induced Sales (1987 $000's)	Total Gross Sales (1987 $000's)
10 Cotton	0	0.00	0		0	0
11 Food Grains	1,603	241.69	387	1.8308	322	709
12 Feed Grains	15,827	463.86	7,342	1.5641	4,141	11,483
13 Hay & Pasture	47,545	478.18	22,735	1.5829	13,252	35,987
14 Grass Seeds	0	0.00	0	1.4817	0	0
16 Fruits	7,540	1,644.53	12,400	2.1771	14,596	26,995
17 Tree Nuts	16,940	1,509.23	25,566	2.1912	30,454	56,020
18 Vegetables	8,165	1,026.15	8,379	1.7560	6,335	14,714
19 Sugar Crops	1,113	792.15	882	1.8640	762	1,643
Total	98,733	786.87	77,690		69,862	147,552

MERCED COUNTY

Implan # and Sector	Acres	Sales Per Acre (Dollars)	Direct Commodity Sales (1987 $000's)	Output Multiplier	Indirect + Induced Sales (1987 $000's)	Total Gross Sales (1987 $000's)
10 Cotton	35,687	906.79	32,361	1.6141	19,873	52,234
11 Food Grains	9,080	226.76	2,059	1.6129	1,262	3,321
12 Feed Grains	26,009	310.30	8,071	1.4473	3,610	11,681
13 Hay & Pasture	50,348	407.29	20,507	1.4068	8,342	28,849
14 Grass Seeds	0	0.00	0	1.3488	0	0
16 Fruits	3,680	1,732.13	6,374	1.8737	5,569	11,944
17 Tree Nuts	16,815	1,533.51	25,786	1.8908	22,971	48,757
18 Vegetables	25,069	1,441.40	36,134	1.5674	20,502	56,636
19 Sugar Crops	10,579	1,028.04	10,875	1.6095	6,629	17,504
Total	177,268	801.99	142,168		88,758	230,925

FRESNO COUNTY

Implan # and Sector	Acres	Sales Per Acre (Dollars)	Direct Commodity Sales (1987 $000's)	Output Multiplier	Indirect + Induced Sales (1987 $000's)	Total Gross Sales (1987 $000's)
10 Cotton	284,588	1,103.71	314,103	1.8627	270,976	585,079
11 Food Grains	49,672	299.93	14,898	2.0047	14,968	29,866
12 Feed Grains	45,188	252.91	11,428	1.7037	8,042	19,470
13 Hay & Pasture	16,353	717.62	11,735	1.7279	8,542	20,277
14 Grass Seeds	34,088	669.08	22,807	1.5722	13,050	35,858
16 Fruits	7,474	2,056.71	15,371	2.2531	19,262	34,633
17 Tree Nuts	9,222	1,791.56	16,521	2.2480	20,618	37,139
18 Vegetables	122,250	2,094.71	256,079	1.8358	214,031	470,110
19 Sugar Crops	18,405	945.62	17,404	1.9774	17,011	34,415
Total	587,240	1,158.55	680,347		586,501	1,266,848

KINGS COUNTY

Implan # and Sector	Acres	Sales Per Acre (Dollars)	Direct Commodity Sales (1987 $000's)	Output Multiplier	Indirect + Induced Sales (1987 $000's)	Total Gross Sales (1987 $000's)
10 Cotton	323,750	986.53	319,390	1.3521	112,457	431,847
11 Food Grains	60,313	302.91	18,270	1.5506	10,059	28,329
12 Feed Grains	77,498	214.19	16,599	1.4149	6,887	23,487
13 Hay & Pasture	27,790	279.16	7,758	1.3807	2,953	10,712
14 Grass Seeds	20,723	751.54	15,575	1.3384	5,270	20,845
16 Fruits	7,608	2,651.41	20,173	1.7282	14,690	34,863
17 Tree Nuts	12,556	1,697.35	21,312	1.7381	15,731	37,043
18 Vegetables	11,887	1,954.28	23,231	1.4571	10,619	33,850
19 Sugar Crops	2,541	820.53	2,085	1.5101	1,064	3,149
Total	544,669	815.90	444,393		179,731	624,124

TULARE COUNTY

Implan # and Sector	Acres	Sales Per Acre (Dollars)	Direct Commodity Sales (1987 $000's)	Output Multiplier	Indirect + Induced Sales (1987 $000's)	Total Gross Sales (1987 $000's)
10 Cotton	55,202	883.80	48,787	1.6291	30,692	79,480
11 Food Grains	1,846	195.60	361	1.6742	243	605
12 Feed Grains	12,189	285.23	3,477	1.5024	1,747	5,223
13 Hay & Pasture	5,195	631.04	3,278	1.5032	1,650	4,928
14 Grass Seeds	0	0.00	0	1.3990	0	0
16 Fruits	0	0.00	0	1.9558	0	0
17 Tree Nuts	3,812	1,683.16	6,415	1.9556	6,131	12,546
18 Vegetables	247	2,037.00	504	1.6308	318	822
19 Sugar Crops	1,514	931.24	1,410	1.6793	958	2,368
Total	80,005	802.86	64,233		41,738	105,971

KERN COUNTY

Implan # and Sector	Acres	Sales Per Acre (Dollars)	Direct Commodity Sales (1987 $000's)	Output Multiplier	Indirect + Induced Sales (1987 $000's)	Total Gross Sales (1987 $000's)
10 Cotton	215,069	979.96	210,760	1.6714	141,504	352,264
11 Food Grains	39,247	264.69	10,389	1.8473	8,802	19,191
12 Feed Grains	25,037	266.03	6,661	1.6261	4,170	10,831
13 Hay & Pasture	77,053	646.54	49,817	1.6275	31,260	81,078
14 Grass Seeds	0	0.00	0	1.5326	0	0
16 Fruits	52,148	2,838.79	148,036	2.0553	156,222	304,259
17 Tree Nuts	45,217	2,143.41	96,919	2.0675	103,461	200,380
18 Vegetables	24,997	2,761.32	69,024	1.6697	46,225	115,249
19 Sugar Crops	9,020	981.02	8,848	1.7441	6,584	15,432
Total	487,788	1,230.97	600,454		498,230	1,098,684

APPENDIX TABLE 9. PERSONAL INCOME (BY COUNTY)

SAN JOAQUIN COUNTY Implan # and Sector	Acres	Direct Commodity Sales (1987 $000's)	<--- Multipliers ---> Direct	Indirect + Induced	<- Personal Income (1987 $000's) -> Direct	Indirect + Induced	Total
10 Cotton	0	0	0.1317	0.1957	0	0	0
11 Food Grains	11,297	2,879	0.0504	0.2449	145	705	850
12 Feed Grains	9,218	4,244	0.0337	0.1666	143	707	850
13 Hay & Pasture	10,902	5,726	0.0337	0.1722	193	986	1,179
14 Grass Seeds	0	0	0.0268	0.1345	0	0	0
16 Fruits	2,814	5,454	0.2140	0.3595	1,167	1,961	3,128
17 Tree Nuts	8,367	10,756	0.2142	0.3746	2,304	4,029	6,333
18 Vegetables	14,029	22,901	0.1340	0.2350	3,069	5,382	8,451
19 Sugar Crops	4,328	3,860	0.1036	0.2495	400	963	1,363
Total	60,955	55,820			7,421	14,733	22,154

STANISLAUS COUNTY Implan # and Sector	Acres	Direct Commodity Sales (1987 $000's)	<--- Multipliers ---> Direct	Indirect + Induced	<- Personal Income (1987 $000's) -> Direct	Indirect + Induced	Total
10 Cotton	0	0			0	0	0
11 Food Grains	1,603	387	0.0504	0.2085	20	81	100
12 Feed Grains	15,827	7,342	0.0337	0.1353	247	993	1,241
13 Hay & Pasture	47,545	22,735	0.0337	0.1431	766	3,253	4,020
14 Grass Seeds	0	0	0.0268	0.119	0	0	0
16 Fruits	7,540	12,400	0.2140	0.3325	2,654	4,123	6,776
17 Tree Nuts	16,940	25,566	0.2142	0.3372	5,476	8,621	14,097
18 Vegetables	8,165	8,379	0.1340	0.2072	1,123	1,736	2,859
19 Sugar Crops	1,113	882	0.1036	0.2222	91	196	287
Total	98,733	77,690			10,377	19,003	29,380

MERCED COUNTY Implan # and Sector	Acres	Direct Commodity Sales (1987 $000's)	<--- Multipliers ---> Direct	Indirect + Induced	<- Personal Income (1987 $000's) -> Direct	Indirect + Induced	Total
10 Cotton	35,687	32,361	0.1317	0.171	4,262	5,534	9,796
11 Food Grains	9,080	2,059	0.0504	0.1635	104	337	440
12 Feed Grains	26,009	8,071	0.0337	0.1105	272	892	1,164
13 Hay & Pasture	50,348	20,507	0.0337	0.1127	691	2,311	3,002
14 Grass Seeds	0	0	0.0268	0.0963	0	0	0
16 Fruits	3,680	6,374	0.2140	0.2585	1,364	1,648	3,012
17 Tree Nuts	16,815	25,786	0.2142	0.2643	5,523	6,815	12,339
18 Vegetables	25,069	36,134	0.1340	0.164	4,842	5,926	10,768
19 Sugar Crops	10,579	10,875	0.1036	0.1686	1,127	1,834	2,960
Total	177,268	142,168			18,185	25,296	43,481

FRESNO COUNTY Implan # and Sector	Acres	Direct Commodity Sales (1987 $000's)	<--- Multipliers ---> Direct	Indirect + Induced	<- Personal Income (1987 $000's) -> Direct	Indirect + Induced	Total
10 Cotton	284,588	314,103	0.1317	0.2265	41,367	71,144	112,512
11 Food Grains	49,672	14,898	0.0504	0.2627	751	3,914	4,665
12 Feed Grains	45,188	11,428	0.0337	0.1807	385	2,065	2,450
13 Hay & Pasture	16,353	11,735	0.0337	0.1927	395	2,261	2,657
14 Grass Seeds	34,088	22,807	0.0268	0.1547	611	3,528	4,140
16 Fruits	7,474	15,371	0.2140	0.3734	3,289	5,740	9,029
17 Tree Nuts	9,222	16,521	0.2142	0.3714	3,539	6,136	9,675
18 Vegetables	122,250	256,079	0.1340	0.2414	34,315	61,817	96,132
19 Sugar Crops	18,405	17,404	0.1036	0.2639	1,803	4,593	6,396
Total	587,240	680,347			86,456	161,199	247,655

KINGS COUNTY

Implan # and Sector	Acres	Direct Commodity Sales (1987 $000's)	<--- Multipliers ---> Direct	Indirect + Induced	<- Personal Income (1987 $000's) -> Direct	Indirect + Induced	Total
10 Cotton	323,750	319,390	0.1317	0.0808	42,064	25,807	67,870
11 Food Grains	60,313	18,270	0.0504	0.1152	921	2,105	3,025
12 Feed Grains	77,498	16,599	0.0337	0.0761	559	1,263	1,823
13 Hay & Pasture	27,790	7,758	0.0337	0.0764	261	593	854
14 Grass Seeds	20,723	15,575	0.0268	0.0657	417	1,023	1,441
16 Fruits	7,608	20,173	0.2140	0.1834	4,317	3,700	8,017
17 Tree Nuts	12,556	21,312	0.2142	0.1852	4,565	3,947	8,512
18 Vegetables	11,887	23,231	0.1340	0.1162	3,113	2,699	5,812
19 Sugar Crops	2,541	2,085	0.1036	0.1204	216	251	467
Total	544,669	444,393			56,434	41,388	97,822

TULARE COUNTY

Implan # and Sector	Acres	Direct Commodity Sales (1987 $000's)	<--- Multipliers ---> Direct	Indirect + Induced	<- Personal Income (1987 $000's) -> Direct	Indirect + Induced	Total
10 Cotton	55,202	48,787	0.1317	0.1746	6,425	8,518	14,944
11 Food Grains	1,846	361	0.0504	0.1843	18	67	85
12 Feed Grains	12,189	3,477	0.0337	0.1305	117	454	571
13 Hay & Pasture	5,195	3,278	0.0337	0.1375	110	451	561
14 Grass Seeds	0	0	0.0268	0.1085	0	0	0
16 Fruits	0	0	0.2140	0.2877	0	0	0
17 Tree Nuts	3,812	6,415	0.2142	0.2887	1,374	1,852	3,226
18 Vegetables	247	504	0.1340	0.1855	68	93	161
19 Sugar Crops	1,514	1,410	0.1036	0.1894	146	267	413
Total	80,005	64,233			8,259	11,702	19,961

KERN COUNTY

Implan # and Sector	Acres	Direct Commodity Sales (1987 $000's)	<--- Multipliers ---> Direct	Indirect + Induced	<- Personal Income (1987 $000's) -> Direct	Indirect + Induced	Total
10 Cotton	215,069	210,760	0.1317	0.1656	27,757	34,902	62,659
11 Food Grains	39,247	10,389	0.0504	0.186	524	1,932	2,456
12 Feed Grains	25,037	6,661	0.0337	0.1291	224	860	1,084
13 Hay & Pasture	77,053	49,817	0.0337	0.1352	1,679	6,735	8,414
14 Grass Seeds	0	0	0.0268	0.1099	0	0	0
16 Fruits	52,148	148,036	0.2140	0.2758	31,680	40,828	72,508
17 Tree Nuts	45,217	96,919	0.2142	0.2805	20,760	27,186	47,946
18 Vegetables	24,997	69,024	0.1340	0.1753	9,249	12,100	21,349
19 Sugar Crops	9,020	8,848	0.1036	0.1813	917	1,604	2,521
Total	487,788	600,454			92,790	126,148	218,937

APPENDIX TABLE 10. RETAIL SALES (BY COUNTY)

SAN JOAQUIN COUNTY			<---- Multipliers (1) ---->		<---------- Retail Sales ---------->		
Implan # and Sector	Acres	Direct Commodity Sales (1987 $000's)	Direct	Indirect + Induced	Direct (87 $000's)	Indir + Indu (87 $000's)	Total (87 $000's)
10 Cotton	0	0	0.0364	0.1078	0	0	0
11 Food Grains	11,297	2,879	0.0362	0.0888	104	256	360
12 Feed Grains	9,218	4,244	0.0355	0.0897	151	381	531
13 Hay & Pasture	10,902	5,726	0.0362	0.0938	207	537	744
14 Grass Seeds	0	0	0.0364	0.0942	0	0	0
16 Fruits	2,814	5,454	0.0186	0.0926	101	505	607
17 Tree Nuts	8,367	10,756	0.0186	0.0926	200	996	1,196
18 Vegetables	14,029	22,901	0.0182	0.0922	417	2,111	2,528
19 Sugar Crops	4,328	3,860	0.0162	0.1002	63	387	449
Total	60,955	55,820			1,243	5,173	6,416

STANISLAUS COUNTY			<---- Multipliers (1) ---->		<---------- Retail Sales ---------->		
Implan # and Sector	Acres	Direct Commodity Sales (1987 $000's)	Direct	Indirect + Induced	Direct (87 $000's)	Indir + Indu (87 $000's)	Total (87 $000's)
10 Cotton	0	0	0.0364	0.1078	0	0	0
11 Food Grains	1,603	387	0.0362	0.0888	14	34	48
12 Feed Grains	15,827	7,342	0.0355	0.0897	260	659	919
13 Hay & Pasture	47,545	22,735	0.0362	0.0938	823	2,133	2,956
14 Grass Seeds	0	0	0.0364	0.0942	0	0	0
16 Fruits	7,540	12,400	0.0186	0.0926	231	1,148	1,379
17 Tree Nuts	16,940	25,566	0.0186	0.0926	476	2,367	2,843
18 Vegetables	8,165	8,379	0.0182	0.0922	152	773	925
19 Sugar Crops	1,113	882	0.0162	0.1002	14	88	103
Total	98,733	77,690			1,970	7,202	9,173

MERCED COUNTY			<---- Multipliers (1) ---->		<---------- Retail Sales ---------->		
Implan # and Sector	Acres	Direct Commodity Sales (1987 $000's)	Direct	Indirect + Induced	Direct (87 $000's)	Indir + Indu (87 $000's)	Total (87 $000's)
10 Cotton	35,687	32,361	0.0364	0.1078	1,178	3,489	4,666
11 Food Grains	9,080	2,059	0.0362	0.0888	75	183	257
12 Feed Grains	26,009	8,071	0.0355	0.0897	286	724	1,010
13 Hay & Pasture	50,348	20,507	0.0362	0.0938	742	1,924	2,666
14 Grass Seeds	0	0	0.0364	0.0942	0	0	0
16 Fruits	3,680	6,374	0.0186	0.0926	119	590	709
17 Tree Nuts	16,815	25,786	0.0186	0.0926	480	2,388	2,867
18 Vegetables	25,069	36,134	0.0182	0.0922	658	3,332	3,989
19 Sugar Crops	10,579	10,875	0.0162	0.1002	176	1,090	1,266
Total	177,268	142,168			3,713	13,718	17,432

FRESNO COUNTY			<---- Multipliers (1) ---->		<---------- Retail Sales ---------->		
Implan # and Sector	Acres	Direct Commodity Sales (1987 $000's)	Direct	Indirect + Induced	Direct (87 $000's)	Indir + Indu (87 $000's)	Total (87 $000's)
10 Cotton	284,588	314,103	0.0364	0.1078	11,433	33,860	45,294
11 Food Grains	49,672	14,898	0.0362	0.0888	539	1,323	1,862
12 Feed Grains	45,188	11,428	0.0355	0.0897	405	1,025	1,431
13 Hay & Pasture	16,353	11,735	0.0362	0.0938	425	1,101	1,526
14 Grass Seeds	34,088	22,807	0.0364	0.0942	830	2,148	2,979
16 Fruits	7,474	15,371	0.0186	0.0926	286	1,423	1,709
17 Tree Nuts	9,222	16,521	0.0186	0.0926	307	1,530	1,837
18 Vegetables	122,250	256,079	0.0182	0.0922	4,661	23,610	28,271
19 Sugar Crops	18,405	17,404	0.0162	0.1002	282	1,744	2,026
Total	587,240	680,347			19,169	67,766	86,934

KINGS COUNTY

Implan # and Sector	Acres	Direct Commodity Sales (1987 $000's)	<---- Multipliers (1) ---->		<---------- Retail Sales ---------->		
			Direct	Indirect + Induced	Direct (87 $000's)	Indir + Indu (87 $000's)	Total (87 $000's)
10 Cotton	323,750	319,390	0.0364	0.1078	11,626	34,430	46,056
11 Food Grains	60,313	18,270	0.0362	0.0888	661	1,622	2,284
12 Feed Grains	77,498	16,599	0.0355	0.0897	589	1,490	2,078
13 Hay & Pasture	27,790	7,758	0.0362	0.0938	281	728	1,009
14 Grass Seeds	20,723	15,575	0.0364	0.0942	567	1,467	2,034
16 Fruits	7,608	20,173	0.0186	0.0926	375	1,868	2,243
17 Tree Nuts	12,556	21,312	0.0186	0.0926	396	1,974	2,370
18 Vegetables	11,887	23,231	0.0182	0.0922	423	2,142	2,565
19 Sugar Crops	2,541	2,085	0.0162	0.1002	34	209	243
Total	544,669	444,393			14,952	45,929	60,881

TULARE COUNTY

Implan # and Sector	Acres	Direct Commodity Sales (1987 $000's)	<---- Multipliers (1) ---->		<---------- Retail Sales ---------->		
			Direct	Indirect + Induced	Direct (87 $000's)	Indir + Indu (87 $000's)	Total (87 $000's)
10 Cotton	55,202	48,787	0.0364	0.1078	1,776	5,259	7,035
11 Food Grains	1,846	361	0.0362	0.0888	13	32	45
12 Feed Grains	12,189	3,477	0.0355	0.0897	123	312	435
13 Hay & Pasture	5,195	3,278	0.0362	0.0938	119	307	426
14 Grass Seeds	0	0	0.0364	0.0942	0	0	0
16 Fruits	0	0	0.0186	0.0926	0	0	0
17 Tree Nuts	3,812	6,415	0.0186	0.0926	119	594	713
18 Vegetables	247	504	0.0182	0.0922	9	46	56
19 Sugar Crops	1,514	1,410	0.0162	0.1002	23	141	164
Total	80,005	64,233			2,182	6,693	8,875

KERN COUNTY

Implan # and Sector	Acres	Direct Commodity Sales (1987 $000's)	<---- Multipliers (1) ---->		<---------- Retail Sales ---------->		
			Direct	Indirect + Induced	Direct (87 $000's)	Indir + Indu (87 $000's)	Total (87 $000's)
10 Cotton	215,069	210,760	0.0364	0.1078	7,672	22,720	30,392
11 Food Grains	39,247	10,389	0.0362	0.0888	376	922	1,299
12 Feed Grains	25,037	6,661	0.0355	0.0897	236	598	834
13 Hay & Pasture	77,053	49,817	0.0362	0.0938	1,803	4,673	6,476
14 Grass Seeds	0	0	0.0364	0.0942	0	0	0
16 Fruits	52,148	148,036	0.0186	0.0926	2,753	13,708	16,462
17 Tree Nuts	45,217	96,919	0.0186	0.0926	1,803	8,975	10,777
18 Vegetables	24,997	69,024	0.0182	0.0922	1,256	6,364	7,620
19 Sugar Crops	9,020	8,848	0.0162	0.1002	143	887	1,030
Total	487,788	600,454			16,043	58,846	74,890

(1) Source: DWR-I/O Model (Cooperative Extension Report, May 1987)

APPENDIX TABLE 11. COMMERCIAL PROPERTY VALUE (BY COUNTY)

SAN JOAQUIN COUNTY

Implan # and Sector	Acres	Direct Value Per Acre (1) (Dollars)	<-Commercial Property Value (1987 $000's)->		
			Direct	Indirect + Induced (2)	Total
10 Cotton	0	1,200	0	0	0
11 Food Grains	11,297	1,200	13,557	3,188	16,744
12 Feed Grains	9,218	1,200	11,061	2,654	13,715
13 Hay & Pasture	10,902	800	8,721	3,563	12,285
14 Grass Seeds	0	1,200	0	0	0
16 Fruits	2,814	3,000	8,443	10,015	18,458
17 Tree Nuts	8,367	3,000	25,102	21,145	46,248
18 Vegetables	14,029	1,200	16,835	26,308	43,143
19 Sugar Crops	4,328	1,200	5,193	4,681	9,874
Total	60,955		88,912	71,555	160,467

(1) Assumes 90% Williamson Act land, 10% Non-Williamson
(2) Prop. Value per Indirect Employment 25,000

STANISLAUS COUNTY

Implan # and Sector	Acres	Direct Value Per Acre (1) (Dollars)	<-Commercial Property Value (1987 $000's)->		
			Direct	Indirect + Induced (2)	Total
10 Cotton	0	1,200	0	0	0
11 Food Grains	1,603	1,200	1,923	139	2,062
12 Feed Grains	15,827	1,200	18,993	1,687	20,680
13 Hay & Pasture	47,545	800	38,036	5,445	43,481
14 Grass Seeds	0	1,200	0	0	0
16 Fruits	7,540	3,000	22,620	7,297	29,916
17 Tree Nuts	16,940	3,000	50,819	14,925	65,744
18 Vegetables	8,165	1,200	9,799	3,049	12,848
19 Sugar Crops	1,113	1,200	1,336	347	1,683
Total	98,733		143,526	32,889	176,414

(1) Assumes 90% Williamson Act land, 10% Non-Williamson
(2) Prop. Value per Indirect Employment 25,000

MERCED COUNTY

Implan # and Sector	Acres	Direct Value Per Acre (1) (Dollars)	<-Commercial Property Value (1987 $000's)->		
			Direct	Indirect + Induced (2)	Total
10 Cotton	35,687	1,200	42,825	19,931	62,756
11 Food Grains	9,080	1,200	10,896	747	11,643
12 Feed Grains	26,009	1,200	31,211	1,984	33,194
13 Hay & Pasture	50,348	800	40,279	5,020	45,299
14 Grass Seeds	0	1,200	0	0	0
16 Fruits	3,680	3,000	11,040	4,156	15,196
17 Tree Nuts	16,815	3,000	50,446	16,690	67,136
18 Vegetables	25,069	1,200	30,082	14,067	44,149
19 Sugar Crops	10,579	1,200	12,694	4,110	16,805
Total	177,268		229,474	66,705	296,178

(1) Assumes 90% Williamson Act land, 10% Non-Williamson
(2) Prop. Value per Indirect Employment 25,000

FRESNO COUNTY

Implan # and Sector	Acres	Direct Value Per Acre (1) (Dollars)	<-Commercial Property Value (1987 $000's)->		
			Direct	Indirect + Induced (2)	Total
10 Cotton	284,588	1,200	341,506	129,629	471,135
11 Food Grains	49,672	1,200	59,607	6,581	66,188
12 Feed Grains	45,188	1,200	54,225	3,399	57,624
13 Hay & Pasture	16,353	800	13,082	3,663	16,745
14 Grass Seeds	34,088	1,200	40,905	5,549	46,454
16 Fruits	7,474	3,000	22,421	9,694	32,116
17 Tree Nuts	9,222	3,000	27,665	10,287	37,952
18 Vegetables	122,250	1,200	146,701	103,841	250,542
19 Sugar Crops	18,405	1,200	22,086	7,826	29,912
Total	587,240		728,199	280,470	1,008,669

(1) Assumes 90% Williamson Act land, 10% Non-Williamson
(2) Prop. Value per Indirect Employment 25,000

KINGS COUNTY

Implan # and Sector	Acres	Direct Value Per Acre (1) (Dollars)	<-Commercial Property Value (1987 $000's)->		
			Direct	Indirect + Induced (2)	Total
10 Cotton	323,750	1,200	388,500	45,760	434,260
11 Food Grains	60,313	1,200	72,376	3,944	76,319
12 Feed Grains	77,498	1,200	92,998	2,331	95,329
13 Hay & Pasture	27,790	800	22,232	1,023	23,255
14 Grass Seeds	20,723	1,200	24,868	1,711	26,579
16 Fruits	7,608	3,000	22,825	7,256	30,082
17 Tree Nuts	12,556	3,000	37,668	7,393	45,062
18 Vegetables	11,887	1,200	14,265	5,222	19,486
19 Sugar Crops	2,541	1,200	3,050	485	3,535
Total	544,669		678,783	75,125	753,907

(1) Assumes 90% Williamson Act land, 10% Non-Williamson
(2) Prop. Value per Indirect Employment 25,000

TULARE COUNTY

Implan # and Sector	Acres	Direct Value Per Acre (1) (Dollars)	<-Commercial Property Value (1987 $000's)->		
			Direct	Indirect + Induced (2)	Total
10 Cotton	55,202	1,200	66,243	17,954	84,197
11 Food Grains	1,846	1,200	2,216	123	2,339
12 Feed Grains	12,189	1,200	14,626	817	15,443
13 Hay & Pasture	5,195	800	4,156	792	4,948
14 Grass Seeds	0	1,200	0	0	0
16 Fruits	0	3,000	0	0	0
17 Tree Nuts	3,812	3,000	11,435	3,587	15,021
18 Vegetables	247	1,200	297	180	477
19 Sugar Crops	1,514	1,200	1,817	505	2,322
Total	80,005		100,789	23,958	124,747

(1) Assumes 90% Williamson Act land, 10% Non-Williamson
(2) Prop. Value per Indirect Employment 25,000

KERN COUNTY

Implan # and Sector	Acres	Direct Value Per Acre (1) (Dollars)	<-Commercial Property Value (1987 $000's)->		
			Direct	Indirect + Induced (2)	Total
10 Cotton	215,069	1,200	258,083	60,711	318,794
11 Food Grains	39,247	1,200	47,097	3,111	50,208
12 Feed Grains	25,037	1,200	30,045	1,325	31,370
13 Hay & Pasture	77,053	800	61,642	9,962	71,604
14 Grass Seeds	0	1,200	0	0	0
16 Fruits	52,148	3,000	156,443	72,302	228,745
17 Tree Nuts	45,217	3,000	135,652	45,993	181,645
18 Vegetables	24,997	1,200	29,996	20,878	50,874
19 Sugar Crops	9,020	1,200	10,823	2,718	13,542
Total	487,788		729,781	217,001	946,782

(1) Assumes 90% Williamson Act land, 10% Non-Williamson
(2) Prop. Value per Indirect Employment 25,000

APPENDIX TABLE 12. EMPLOYMENT (BY COUNTY)

SAN JOAQUIN COUNTY

Implan # and Sector	Acres	Direct Commodity Sales (1987 $000's)	<------- Multipliers ------->		<-------------- Employment ------------->		
			Direct	Indirect + Induced	Direct	Indirect + Induced	Total
10 Cotton	0	0	8.1447	28.8693	0	0	0
11 Food Grains	11,297	2,879	23.7556	44.2839	68	128	196
12 Feed Grains	9,218	4,244	9.7121	25.0155	41	106	147
13 Hay & Pasture	10,902	5,726	9.6258	24.8923	55	143	198
14 Grass Seeds	0	0	8.2249	19.8922	0	0	0
16 Fruits	2,814	5,454	44.7650	73.4502	244	401	645
17 Tree Nuts	8,367	10,756	50.0098	78.6386	538	846	1,384
18 Vegetables	14,029	22,901	26.6509	45.9507	610	1,052	1,663
19 Sugar Crops	4,328	3,860	27.9558	48.5103	108	187	295
Total	60,955	55,820			1,665	2,862	4,527

STANISLAUS COUNTY

Implan # and Sector	Acres	Direct Commodity Sales (1987 $000's)	<------- Multipliers ------->		<-------------- Employment ------------->		
			Direct	Indirect + Induced	Direct	Indirect + Induced	Total
10 Cotton	0	0			0	0	0
11 Food Grains	1,603	387	23.7556	14.3375	9	6	15
12 Feed Grains	15,827	7,342	9.7120	9.1928	71	67	139
13 Hay & Pasture	47,545	22,735	9.6256	9.5795	219	218	437
14 Grass Seeds	0	0	8.2239	7.914	0	0	0
16 Fruits	7,540	12,400	44.7650	23.5377	555	292	847
17 Tree Nuts	16,940	25,566	50.0098	23.3506	1,279	597	1,876
18 Vegetables	8,165	8,379	26.6509	14.5569	223	122	345
19 Sugar Crops	1,113	882	27.9557	15.7621	25	14	39
Total	98,733	77,690			2,381	1,316	3,696

MERCED COUNTY

Implan # and Sector	Acres	Direct Commodity Sales (1987 $000's)	<------- Multipliers ------->		<-------------- Employment ------------->		
			Direct	Indirect + Induced	Direct	Indirect + Induced	Total
10 Cotton	35,687	32,361	8.1460	24.6359	264	797	1,061
11 Food Grains	9,080	2,059	23.7557	14.5087	49	30	79
12 Feed Grains	26,009	8,071	9.7120	9.8315	78	79	158
13 Hay & Pasture	50,348	20,507	9.6257	9.7927	197	201	398
14 Grass Seeds	0	0	8.2243	7.8774	0	0	0
16 Fruits	3,680	6,374	44.7650	26.0764	285	166	452
17 Tree Nuts	16,815	25,786	50.0098	25.8894	1,290	668	1,957
18 Vegetables	25,069	36,134	26.6509	15.5721	963	563	1,526
19 Sugar Crops	10,579	10,875	27.9558	15.1174	304	164	468
Total	177,268	142,168			3,430	2,668	6,098

FRESNO COUNTY

Implan # and Sector	Acres	Direct Commodity Sales (1987 $000's)	<------- Multipliers ------->		<-------------- Employment ------------->		
			Direct	Indirect + Induced	Direct	Indirect + Induced	Total
10 Cotton	284,588	314,103	8.1460	16.5079	2,559	5,185	7,744
11 Food Grains	49,672	14,898	23.7557	17.6707	354	263	617
12 Feed Grains	45,188	11,428	9.7121	11.897	111	136	247
13 Hay & Pasture	16,353	11,735	9.6256	12.4858	113	147	259
14 Grass Seeds	34,088	22,807	8.2246	9.7318	188	222	410
16 Fruits	7,474	15,371	44.7650	25.2267	688	388	1,076
17 Tree Nuts	9,222	16,521	50.0098	24.906	826	411	1,238
18 Vegetables	122,250	256,079	26.6509	16.2202	6,825	4,154	10,978
19 Sugar Crops	18,405	17,404	27.9558	17.987	487	313	800
Total	587,240	680,347			12,150	11,219	23,369

KINGS COUNTY

Implan # and Sector	Acres	Direct Commodity Sales (1987 $000's)	<------- Multipliers ------->		<-------------- Employment ------------->		
			Direct	Indirect + Induced	Direct	Indirect + Induced	Total
10 Cotton	323,750	319,390	8.1460	5.7309	2,602	1,830	4,432
11 Food Grains	60,313	18,270	23.7557	8.6342	434	158	592
12 Feed Grains	77,498	16,599	9.7120	5.6173	161	93	254
13 Hay & Pasture	27,790	7,758	9.6257	5.2729	75	41	116
14 Grass Seeds	20,723	15,575	8.2235	4.3937	128	68	197
16 Fruits	7,608	20,173	44.7651	14.3879	903	290	1,193
17 Tree Nuts	12,556	21,312	50.0100	13.8765	1,066	296	1,362
18 Vegetables	11,887	23,231	26.6509	8.9907	619	209	828
19 Sugar Crops	2,541	2,085	27.9562	9.3108	58	19	78
Total	544,669	444,393			6,046	3,005	9,051

TULARE COUNTY

Implan # and Sector	Acres	Direct Commodity Sales (1987 $000's)	<------- Multipliers ------->		<-------------- Employment ------------->		
			Direct	Indirect + Induced	Direct	Indirect + Induced	Total
10 Cotton	55,202	48,787	8.1460	14.7204	397	718	1,116
11 Food Grains	1,846	361	23.7557	13.6252	9	5	13
12 Feed Grains	12,189	3,477	9.7120	9.3964	34	33	66
13 Hay & Pasture	5,195	3,278	9.6257	9.6596	32	32	63
14 Grass Seeds	0	0	8.2228	7.5912	0	0	0
16 Fruits	0	0	44.7650	22.8716	0	0	0
17 Tree Nuts	3,812	6,415	50.0098	22.3637	321	143	464
18 Vegetables	247	504	26.6509	14.3086	13	7	21
19 Sugar Crops	1,514	1,410	27.9559	14.328	39	20	60
Total	80,005	64,233			845	958	1,803

KERN COUNTY

Implan # and Sector	Acres	Direct Commodity Sales (1987 $000's)	<------- Multipliers ------->		<-------------- Employment ------------->		
			Direct	Indirect + Induced	Direct	Indirect + Induced	Total
10 Cotton	215,069	210,760	8.1460	11.5223	1,717	2,428	4,145
11 Food Grains	39,247	10,389	23.7557	11.9787	247	124	371
12 Feed Grains	25,037	6,661	9.7120	7.9568	65	53	118
13 Hay & Pasture	77,053	49,817	9.6257	7.9991	480	398	878
14 Grass Seeds	0	0	8.2237	6.4114	0	0	0
16 Fruits	52,148	148,036	44.7650	19.5364	6,627	2,892	9,519
17 Tree Nuts	45,217	96,919	50.0098	18.9821	4,847	1,840	6,687
18 Vegetables	24,997	69,024	26.6509	12.0992	1,840	835	2,675
19 Sugar Crops	9,020	8,848	27.9557	12.2876	247	109	356
Total	487,788	600,454			16,069	8,680	24,749

APPENDIX TABLE 13. DISTRIBUTION OF PRIVATE SECTOR IMPACTS

SAN JOAQUIN COUNTY

	Cities in Drainage Area	Cities out of Drainage Area	Unincorp. County	Total County
Acres				60,955
Sales per Acre (Dollars)				915.76
Percentage Distribution:				
Direct Impacts (1)	100%	0%	100%	
Indirect Impacts	30%	60%	10%	
Economics (1987 $000's):				
Sales				
Direct-Commodity	0	0	55,820	55,820
Indirect	14,945	29,890	4,982	49,817
Total	14,945	29,890	60,802	105,637
Personal Income				
Direct	7,421	0	0	7,421
Indirect	4,420	8,840	1,473	14,733
Total	11,841	8,840	1,473	22,154
Retail Sales				
Direct	1,243	0	0	1,243
Indirect	1,552	3,104	517	5,173
Total	2,795	3,104	517	6,416
Commercial Prop. Value				
Direct	0	0	88,912	88,912
Indirect	21,466	42,933	7,155	71,555
Total	21,466	42,933	96,068	160,467
Residential Prop. Value				
Direct	96,547	0	0	96,547
Indirect	66,386	132,773	22,129	221,288
Total	162,934	132,773	22,129	317,835
Demographics:				
Employment				
Direct	1,665	0	0	1,665
Indirect	859	1,717	286	2,862
Total	2,524	1,717	286	4,527
Population				
Direct	4,679	0	0	4,679
Indirect	2,413	4,826	804	8,043
Total	7,092	4,826	804	12,721
Student Population				
Direct	1,141	0	0	1,141
Indirect	588	1,177	196	1,962
Total	1,730	1,177	196	3,103
Housing Count				
Direct	1,630	0	0	1,630
Indirect	841	1,681	280	2,802
Total	2,471	1,681	280	4,433

(1) Unincorporated County: Direct Commodity Sales, Direct Commercial Property Value
Cities: All other Direct Impacts

DISTRIBUTION OF PRIVATE SECTOR IMPACTS

STANISLAUS COUNTY

	Cities in Drainage Area	Cities out of Drainage Area	Unincorp. County	Total County
Acres				98,733
Sales per Acre (Dollars)				786.87
Percentage Distribution:				
Direct Impacts (1)	100%	0%	100%	
Indirect Impacts	30%	60%	10%	
Economics (1987 $000's):				
Sales				
Direct-Commodity	0	0	77,690	77,690
Indirect	20,959	41,917	6,986	69,862
Total	20,959	41,917	84,677	147,552
Personal Income				
Direct	10,377	0	0	10,377
Indirect	5,701	11,402	1,900	19,003
Total	16,078	11,402	1,900	29,380
Retail Sales				
Direct	1,970	0	0	1,970
Indirect	2,161	4,321	720	7,202
Total	4,131	4,321	720	9,173
Commercial Prop. Value				
Direct	0	0	143,526	143,526
Indirect	9,867	19,733	3,289	32,889
Total	9,867	19,733	146,815	176,414
Residential Prop. Value				
Direct	111,903	0	0	111,903
Indirect	24,732	49,464	8,244	82,441
Total	136,635	49,464	8,244	194,344
Demographics:				
Employment				
Direct	2,381	0	0	2,381
Indirect	395	789	132	1,316
Total	2,776	789	132	3,696
Population				
Direct	6,738	0	0	6,738
Indirect	1,117	2,234	372	3,723
Total	7,855	2,234	372	10,461
Student Population				
Direct	1,673	0	0	1,673
Indirect	277	554	92	924
Total	1,950	554	92	2,597
Housing Count				
Direct	2,389	0	0	2,389
Indirect	396	792	132	1,320
Total	2,785	792	132	3,710

(1) Unincorporated County: Direct Commodity Sales, Direct Commercial Property Value
Cities: All other Direct Impacts

DISTRIBUTION OF PRIVATE SECTOR IMPACTS

MERCED COUNTY

	Cities in Drainage Area	Cities out of Drainage Area	Unincorp. County	Total County
Acres				177,268
Sales per Acre (Dollars)				801.99
Percentage Distribution:				
Direct Impacts (1)	100%	0%	100%	
Indirect Impacts	30%	60%	10%	
Economics (1987 $000's):				
Sales				
Direct-Commodity	0	0	142,168	142,168
Indirect	26,627	53,255	8,876	88,758
Total	26,627	53,255	151,043	230,925
Personal Income				
Direct	18,185	0	0	18,185
Indirect	7,589	15,178	2,530	25,296
Total	25,774	15,178	2,530	43,481
Retail Sales				
Direct	3,713	0	0	3,713
Indirect	4,116	8,231	1,372	13,718
Total	7,829	8,231	1,372	17,432
Commercial Prop. Value				
Direct	0	0	229,474	229,474
Indirect	20,011	40,023	6,670	66,705
Total	20,011	40,023	236,144	296,178
Residential Prop. Value				
Direct	152,377	0	0	152,377
Indirect	47,410	94,820	15,803	158,033
Total	199,787	94,820	15,803	310,410
Demographics:				
Employment				
Direct	3,430	0	0	3,430
Indirect	800	1,601	267	2,668
Total	4,231	1,601	267	6,098
Population				
Direct	8,747	0	0	8,747
Indirect	2,041	4,082	680	6,804
Total	10,788	4,082	680	15,551
Student Population				
Direct	1,944	0	0	1,944
Indirect	454	907	151	1,512
Total	2,397	907	151	3,456
Housing Count				
Direct	2,777	0	0	2,777
Indirect	648	1,296	216	2,160
Total	3,425	1,296	216	4,937

(1) Unincorporated County: Direct Commodity Sales, Direct Commercial Property Value
Cities: All other Direct Impacts

DISTRIBUTION OF PRIVATE SECTOR IMPACTS

FRESNO COUNTY

	Cities in Drainage Area	Cities out of Drainage Area	Unincorp. County	Total County
Acres				587,240
Sales per Acre (Dollars)				1,158.55
Percentage Distribution:				
Direct Impacts (1)	70%	30%	100%	
Indirect Impacts	0%	90%	10%	
Economics (1987 $000's):				
Sales				
Direct-Commodity	0	0	680,347	680,347
Indirect	0	527,851	58,650	586,501
Total	0	527,851	738,997	1,266,848
Personal Income				
Direct	60,519	25,937	0	86,456
Indirect	0	145,079	16,120	161,199
Total	60,519	171,016	16,120	247,655
Retail Sales				
Direct	13,418	5,751	0	19,169
Indirect	0	60,989	6,777	67,766
Total	13,418	66,740	6,777	86,934
Commercial Prop. Value				
Direct	0	0	728,199	728,199
Indirect	0	252,423	28,047	280,470
Total	0	252,423	756,246	1,008,669
Residential Prop. Value				
Direct	291,002	124,715	0	415,717
Indirect	0	460,638	51,182	511,820
Total	291,002	585,354	51,182	927,538
Demographics:				
Employment				
Direct	8,505	3,645	0	12,150
Indirect	0	10,097	1,122	11,219
Total	8,505	13,742	1,122	23,369
Population				
Direct	19,816	8,493	0	28,309
Indirect	0	23,526	2,614	26,140
Total	19,816	32,019	2,614	54,449
Student Population				
Direct	4,990	2,138	0	7,128
Indirect	0	5,924	658	6,582
Total	4,990	8,062	658	13,710
Housing Count				
Direct	7,128	3,055	0	10,183
Indirect	0	8,463	940	9,403
Total	7,128	11,517	940	19,586

(1) Unincorporated County: Direct Commodity Sales, Direct Commercial Property Value
Cities: All other Direct Impacts

DISTRIBUTION OF PRIVATE SECTOR IMPACTS

KINGS COUNTY

	Cities in Drainage Area	Cities out of Drainage Area	Unincorp. County	Total County
Acres				544,669
Sales per Acre (Dollars)				815.90
Percentage Distribution:				
Direct Impacts (1)	100%	0%	100%	
Indirect Impacts	90%	0%	10%	
Economics (1987 $000's):				
Sales				
Direct-Commodity	0	0	444,393	444,393
Indirect	161,758	0	17,973	179,731
Total	161,758	0	462,366	624,124
Personal Income				
Direct	56,434	0	0	56,434
Indirect	37,249	0	4,139	41,388
Total	93,683	0	4,139	97,822
Retail Sales				
Direct	14,952	0	0	14,952
Indirect	41,336	0	4,593	45,929
Total	56,288	0	4,593	60,881
Commercial Prop. Value				
Direct	0	0	678,783	678,783
Indirect	67,612	0	7,512	75,125
Total	67,612	0	686,295	753,907
Residential Prop. Value				
Direct	381,866	0	0	381,866
Indirect	227,753	0	25,306	253,059
Total	609,619	0	25,306	634,925
Demographics:				
Employment				
Direct	6,046	0	0	6,046
Indirect	2,704	0	300	3,005
Total	8,751	0	300	9,051
Population				
Direct	20,980	0	0	20,980
Indirect	9,385	0	1,043	10,427
Total	30,364	0	1,043	31,407
Student Population				
Direct	4,879	0	0	4,879
Indirect	2,182	0	242	2,425
Total	7,061	0	242	7,304
Housing Count				
Direct	6,970	0	0	6,970
Indirect	3,118	0	346	3,464
Total	10,088	0	346	10,434

(1) Unincorporated County: Direct Commodity Sales, Direct Commercial Property Value
Cities: All other Direct Impacts

DISTRIBUTION OF PRIVATE SECTOR IMPACTS

TULARE COUNTY

	Cities in Drainage Area	Cities out of Drainage Area	Unincorp. County	Total County
Acres				80,005
Sales per Acre (Dollars)				802.86
Percentage Distribution:				
Direct Impacts (1)	0%	100%	100%	
Indirect Impacts	0%	90%	10%	
Economics (1987 $000's):				
Sales				
Direct-Commodity	0	0	64,233	64,233
Indirect	0	37,564	4,174	41,738
Total	0	37,564	68,407	105,971
Personal Income				
Direct	0	8,259	0	8,259
Indirect	0	10,532	1,170	11,702
Total	0	18,791	1,170	19,961
Retail Sales				
Direct	0	2,182	0	2,182
Indirect	0	6,023	669	6,693
Total	0	8,206	669	8,875
Commercial Prop. Value				
Direct	0	0	100,789	100,789
Indirect	0	21,562	2,396	23,958
Total	0	21,562	103,185	124,747
Residential Prop. Value				
Direct	0	30,253	0	30,253
Indirect	0	41,172	4,575	45,746
Total	0	71,425	4,575	75,999
Demographics:				
Employment				
Direct	0	845	0	845
Indirect	0	862	96	958
Total	0	1,707	96	1,803
Population				
Direct	0	2,045	0	2,045
Indirect	0	2,087	232	2,319
Total	0	4,132	232	4,364
Student Population				
Direct	0	466	0	466
Indirect	0	476	53	529
Total	0	942	53	995
Housing Count				
Direct	0	666	0	666
Indirect	0	680	76	755
Total	0	1,346	76	1,422

(1) Unincorporated County: Direct Commodity Sales, Direct Commercial Property Value
Cities: All other Direct Impacts

DISTRIBUTION OF PRIVATE SECTOR IMPACTS

KERN COUNTY

	Cities in Drainage Area	Cities out of Drainage Area	Unincorp. County	Total County
Acres				487,788
Sales per Acre (Dollars)				1,230.97
Percentage Distribution:				
Direct Impacts (1)	40%	60%	100%	
Indirect Impacts	0%	90%	10%	
Economics (1987 $000's):				
Sales				
Direct-Commodity	0	0	600,454	600,454
Indirect	0	448,407	49,823	498,230
Total	0	448,407	650,277	1,098,684
Personal Income				
Direct	37,116	55,674	0	92,790
Indirect	0	113,533	12,615	126,148
Total	37,116	169,207	12,615	218,937
Retail Sales				
Direct	6,417	9,626	0	16,043
Indirect	0	52,962	5,885	58,846
Total	6,417	62,588	5,885	74,890
Commercial Prop. Value				
Direct	0	0	729,781	729,781
Indirect	0	195,301	21,700	217,001
Total	0	195,301	751,481	946,782
Residential Prop. Value				
Direct	265,881	398,822	0	664,703
Indirect	0	430,880	47,876	478,755
Total	265,881	829,702	47,876	1,143,459
Demographics:				
Employment				
Direct	6,427	9,641	0	16,069
Indirect	0	7,812	868	8,680
Total	6,427	17,453	868	24,749
Population				
Direct	16,711	25,067	0	41,778
Indirect	0	20,311	2,257	22,568
Total	16,711	45,378	2,257	64,346
Student Population				
Direct	4,163	6,244	0	10,407
Indirect	0	5,060	562	5,622
Total	4,163	11,304	562	16,029
Housing Count				
Direct	5,947	8,921	0	14,868
Indirect	0	7,228	803	8,031
Total	5,947	16,149	803	22,899

(1) Unincorporated County: Direct Commodity Sales, Direct Commercial Property Value
Cities: All other Direct Impacts

APPENDIX TABLE 14. JURISDICTIONAL SHARE OF PUBLIC SECTOR IMPACTS

SAN JOAQUIN COUNTY

	<-- Cities in Drainage Area -->		<-- Cities out of Drainage Area -->		<-- Unincorporated County -->		<------- Total County ------->	
RECAP OF PRIVATE SECTOR IMPACTS:	Value (Dollars)	% Share	Value (Dollars)	% Share	Value (Dollars)	% Share	Value (Dollars)	% Share
Economics (1987 $000's):								
Personal Income	11,841	53	8,840	40	1,473	7	22,154	100
Retail Sales	2,795	44	3,104	48	517	8	6,416	100
Commercial Prop. Value	21,466	13	42,933	27	96,068	60	160,467	100
Residential Prop. Value	162,934	51	132,773	42	22,129	7	317,835	100
Total Property Value	184,400	39	175,706	37	118,196	25	478,302	100
Demographics:								
Employment	2,524	56	1,717	38	286	6	4,527	100
Population	7,092	56	4,826	38	804	6	12,721	100
Student Population	1,730	56	1,177	38	196	6	3,103	100
Housing Count	2,471	56	1,681	38	280	6	4,433	100
PROPERTY TAX DISTRIBUTION:								
Total (1% of Total Prop. Value)	1,844,002	100.00%	1,757,057	100.00%	1,181,964	100.00%	4,783,023	100.00%
County General Fund	469,114	25.44%	502,518	28.60%	362,863	30.70%	1,334,495	27.90%
County Library Fund	32,823	1.78%	26,356	1.50%	23,167	1.96%	82,346	1.72%
City General Fund	385,950	20.93%	544,688	31.00%	0	0.00%	930,637	19.46%
Fire District Fund	0	0.00%	0	0.00%	104,367	8.83%	104,367	2.18%
Flood Control Fund	69,888	3.79%	73,796	4.20%	77,655	6.57%	221,339	4.63%
Education Fund	886,227	48.06%	609,699	34.70%	613,912	51.94%	2,109,838	44.11%
REVENUES TO EACH JURISDICTION:								
General Fund								
Property Tax	385,950		544,688		1,334,495		2,265,133	
Sales Tax: Local Serving	226,929		205,525		17,887		450,341	
Sales Tax: Export	27,947		31,037		5,173		64,157	
All Other Taxes	337,657		306,329		1,112,276		1,756,262	
Total General Fund	978,483		1,087,578		2,474,908		4,540,969	
Road Fund	211,895		84,208		179,486		475,589	
Library Fund					83,434		83,434	
Fire Fund					104,367		104,367	
Flood Control Fund					221,339		221,339	
Education Fund					2,109,838		2,109,838	
Total All Funds	1,190,378		1,171,786		5,173,373		7,535,537	

STANISLAUS COUNTY: JURISDICTIONAL SHARE OF PUBLIC SECTOR IMPACTS

	<-- Cities in Drainage Area -->		<-- Cities out of Drainage Area -->		<-- Unincorporated County -->		<------- Total County ------->	
RECAP OF PRIVATE SECTOR IMPACTS:	Value (Dollars)	% Share	Value (Dollars)	% Share	Value (Dollars)	% Share	Value (Dollars)	% Share
Economics (1987 $000's):								
Personal Income	16,078	55	11,402	39	1,900	6	29,380	100
Retail Sales	4,131	45	4,321	47	720	8	9,173	100
Commercial Prop. Value	9,867	6	19,733	11	146,815	83	176,414	100
Residential Prop. Value	136,635	70	49,464	25	8,244	4	194,344	100
Total Property Value	146,502	40	69,198	19	155,059	42	370,758	100
Demographics:								
Employment	2,776	75	789	21	132	4	3,696	100
Population	7,855	75	2,234	21	372	4	10,461	100
Student Population	1,950	75	554	21	92	4	2,597	100
Housing Count	2,785.	75	792	21	132	4	3,710	100
PROPERTY TAX DISTRIBUTION:								
Total (1% of Total Prop. Value)	1,465,020	100.00%	691,977	100.00%	1,550,586	100.00%	3,707,583	100.00%
County General Fund	372,701	25.44%	197,905	28.60%	476,030	30.70%	1,046,636	28.23%
County Library Fund	26,077	1.78%	10,380	1.50%	30,391	1.96%	66,848	1.80%
City General Fund	306,629	20.93%	214,513	31.00%	0	0.00%	521,141	14.06%
Fire District Fund	0	0.00%	0	0.00%	136,917	8.83%	136,917	3.69%
Flood Control Fund	55,524	3.79%	29,063	4.20%	101,874	6.57%	186,461	5.03%
Education Fund	704,089	48.06%	240,116	34.70%	805,374	51.94%	1,749,579	47.19%
REVENUES TO EACH JURISDICTION:								
General Fund								
Property Tax	306,629		214,513		1,046,636		1,567,778	
Sales Tax: Local Serving	230,699		93,931		13,433		338,062	
Sales Tax: Export	41,310		43,213		7,202		91,726	
All Other Taxes	322,024		199,147		911,685		1,432,857	
Total General Fund	900,662		550,804		1,983,901		3,435,367	
Road Fund	294,088		76,820		152,553		523,461	
Library Fund					70,167		70,167	
Fire Fund					136,917		136,917	
Flood Control Fund					186,461		186,461	
Education Fund					1,749,579		1,749,579	
Total All Funds	1,194,750		627,625		4,279,577		6,101,951	

MERCED COUNTY: JURISDICTIONAL SHARE OF PUBLIC SECTOR IMPACTS

	<-- Cities in Drainage Area -->		<-- Cities out of Drainage Area -->		<-- Unincorporated County -->		<------- Total County ------->	
RECAP OF PRIVATE SECTOR IMPACTS:	Value (Dollars)	% Share	Value (Dollars)	% Share	Value (Dollars)	% Share	Value (Dollars)	% Share
Economics (1987 $000's):								
Personal Income	25,774	59	15,178	35	2,530	6	43,481	100
Retail Sales	7,829	45	8,231	47	1,372	8	17,432	100
Commercial Prop. Value	20,011	7	40,023	14	236,144	80	296,178	100
Residential Prop. Value	199,787	64	94,820	31	15,803	5	310,410	100
Total Property Value	219,798	36	134,843	22	251,947	42	606,588	100
Demographics:								
Employment	4,231	69	1,601	26	267	4	6,098	100
Population	10,788	69	4,082	26	680	4	15,551	100
Student Population	2,397	69	907	26	151	4	3,456	100
Housing Count	3,425	69	1,296	26	216	4	4,937	100
PROPERTY TAX DISTRIBUTION:								
Total (1% of Total Prop. Value)	2,197,985	100.00%	1,348,426	100.00%	2,519,474	100.00%	6,065,884	100.00%
County General Fund	559,167	25.44%	385,650	28.60%	773,478	30.70%	1,718,296	28.33%
County Library Fund	39,124	1.78%	20,226	1.50%	49,382	1.96%	108,732	1.79%
City General Fund	460,038	20.93%	418,012	31.00%	0	0.00%	878,050	14.48%
Fire District Fund	0	0.00%	0	0.00%	222,470	8.83%	222,470	3.67%
Flood Control Fund	83,304	3.79%	56,634	4.20%	165,529	6.57%	305,467	5.04%
Education Fund	1,056,351	48.06%	467,904	34.70%	1,308,615	51.94%	2,832,870	46.70%
REVENUES TO EACH JURISDICTION:								
General Fund								
Property Tax	460,038		418,012		1,718,296		2,596,346	
Sales Tax: Local Serving	327,857		141,126		10,390		479,373	
Sales Tax: Export	78,286		82,311		13,718		174,315	
All Other Taxes	449,948		230,796		1,292,229		1,972,973	
Total General Fund	1,316,130		872,244		3,042,865		5,231,239	
Road Fund	317,608		108,141		340,617		766,366	
Library Fund					110,553		110,553	
Fire Fund					222,470		222,470	
Flood Control Fund					305,467		305,467	
Education Fund					2,832,870		2,832,870	
Total All Funds	1,633,738		980,385		6,854,841		9,468,964	

FRESNO COUNTY: JURISDICTIONAL SHARE OF PUBLIC SECTOR IMPACTS

	<-- Cities in Drainage Area -->		<-- Cities out of Drainage Area -->		<-- Unincorporated County -->		<------- Total County ------->	
RECAP OF PRIVATE SECTOR IMPACTS:	Value (Dollars)	% Share	Value (Dollars)	% Share	Value (Dollars)	% Share	Value (Dollars)	% Share
Economics (1987 $000's):								
Personal Income	60,519	24	171,016	69	16,120	7	247,655	100
Retail Sales	13,418	15	66,740	77	6,777	8	86,934	100
Commercial Prop. Value	0	0	252,423	25	756,246	75	1,008,669	100
Residential Prop. Value	291,002	31	585,354	63	51,182	6	927,538	100
Total Property Value	291,002	15	837,777	43	807,428	42	1,936,207	100
Demographics:								
Employment	8,505	36	13,742	59	1,122	5	23,369	100
Population	19,816	36	32,019	59	2,614	5	54,449	100
Student Population	4,990	36	8,062	59	658	5	13,710	100
Housing Count	7,128.	36	11,517	59	940	5	19,586	100
PROPERTY TAX DISTRIBUTION:								
Total (1% of Total Prop. Value)	2,910,022	100.00%	8,377,770	100.00%	8,074,276	100.00%	19,362,068	100.00%
County General Fund	740,310	25.44%	2,396,042	28.60%	2,478,803	30.70%	5,615,155	29.00%
County Library Fund	51,798	1.78%	125,667	1.50%	158,256	1.96%	335,721	1.73%
City General Fund	609,068	20.93%	2,597,109	31.00%	0	0.00%	3,206,176	16.56%
Fire District Fund	0	0.00%	0	0.00%	712,959	8.83%	712,959	3.68%
Flood Control Fund	110,290	3.79%	351,866	4.20%	530,480	6.57%	992,636	5.13%
Education Fund	1,398,556	48.06%	2,907,086	34.70%	4,193,779	51.94%	8,499,422	43.90%
REVENUES TO EACH JURISDICTION:								
General Fund								
Property Tax	609,068		2,597,109		5,615,155		8,821,331	
Sales Tax: Local Serving	495,801		1,594,842		51,417		2,142,061	
Sales Tax: Export	134,181		667,396		67,766		869,343	
All Other Taxes	775,675		1,867,837		3,569,152		6,212,664	
Total General Fund	2,014,725		6,727,184		9,329,916		18,071,826	
Road Fund	552,277		534,069		803,865		1,890,212	
Library Fund					345,683		345,683	
Fire Fund					712,959		712,959	
Flood Control Fund					992,636		992,636	
Education Fund					8,499,422		8,499,422	
Total All Funds	2,567,003		7,261,253		20,684,481		30,512,737	

KINGS COUNTY: JURISDICTIONAL SHARE OF PUBLIC SECTOR IMPACTS

	<-- Cities in Drainage Area -->		<-- Cities out of Drainage Area -->		<-- Unincorporated County -->		<------- Total County ------->	
RECAP OF PRIVATE SECTOR IMPACTS:	Value (Dollars)	% Share	Value (Dollars)	% Share	Value (Dollars)	% Share	Value (Dollars)	% Share
Economics (1987 $000's):								
Personal Income	93,683	96			4,139	4	97,822	100
Retail Sales	56,288	92			4,593	8	60,881	100
Commercial Prop. Value	67,612	9			686,295	91	753,907	100
Residential Prop. Value	609,619	96			25,306	4	634,925	100
Total Property Value	677,231	49			711,601	51	1,388,832	100
Demographics:								
Employment	8,751	97			300	3	9,051	100
Population	30,364	97			1,043	3	31,407	100
Student Population	7,061	97			242	3	7,304	100
Housing Count	10,088	97			346	3	10,434	100
PROPERTY TAX DISTRIBUTION:								
Total (1% of Total Prop. Value)	6,772,308	100.00%			7,116,012	100.00%	13,888,319	100.00%
County General Fund	1,722,875	25.44%			2,184,616	30.70%	3,907,491	28.14%
County Library Fund	120,547	1.78%			139,474	1.96%	260,021	1.87%
City General Fund	1,417,444	20.93%			0	0.00%	1,417,444	10.21%
Fire District Fund	0	0.00%			628,344	8.83%	628,344	4.52%
Flood Control Fund	256,670	3.79%			467,522	6.57%	724,192	5.21%
Education Fund	3,254,771	48.06%			3,696,056	51.94%	6,950,827	50.05%
REVENUES TO EACH JURISDICTION:								
General Fund								
Property Tax	1,417,444				3,907,491		5,324,935	
Sales Tax: Local Serving	1,063,661				18,811		1,082,471	
Sales Tax: Export	562,882				45,929		608,812	
All Other Taxes	1,226,149				2,653,062		3,879,211	
Total General Fund	4,270,136				6,646,950		10,917,086	
Road Fund	506,476				604,849		1,111,326	
Library Fund					267,900		267,900	
Fire Fund					628,344		628,344	
Flood Control Fund					724,192		724,192	
Education Fund					6,950,827		6,950,827	
Total All Funds	4,776,612				15,823,063		20,599,675	

TULARE COUNTY: JURISDICTIONAL SHARE OF PUBLIC SECTOR IMPACTS

	<-- Cities in Drainage Area -->		<-- Cities out of Drainage Area -->		<-- Unincorporated County -->		<------- Total County ------->	
RECAP OF PRIVATE SECTOR IMPACTS:	Value (Dollars)	% Share	Value (Dollars)	% Share	Value (Dollars)	% Share	Value (Dollars)	% Share
Economics (1987 $000's):								
Personal Income			18,791	94	1,170	6	19,961	100
Retail Sales			8,206	92	669	8	8,875	100
Commercial Prop. Value			21,562	17	103,185	83	124,747	100
Residential Prop. Value			71,425	94	4,575	6	75,999	100
Total Property Value			92,987	46	107,759	54	200,746	100
Demographics:								
Employment			1,707	95	96	5	1,803	100
Population			4,132	95	232	5	4,364	100
Student Population			942	95	53	5	995	100
Housing Count			1,346	95	76	5	1,422	100
PROPERTY TAX DISTRIBUTION:								
Total (1% of Total Prop. Value)			929,868	100.00%	1,077,593	100.00%	2,007,461	100.00%
County General Fund			265,942	28.60%	330,821	30.70%	596,763	29.73%
County Library Fund			13,948	1.50%	21,121	1.96%	35,069	1.75%
City General Fund			288,259	31.00%	0	0.00%	288,259	14.36%
Fire District Fund			0	0.00%	95,151	8.83%	95,151	4.74%
Flood Control Fund			39,054	4.20%	70,798	6.57%	109,852	5.47%
Education Fund			322,664	34.70%	559,702	51.94%	882,366	43.95%
REVENUES TO EACH JURISDICTION:								
General Fund								
Property Tax			288,259		596,763		885,022	
Sales Tax: Local Serving			171,855		3,402		175,257	
Sales Tax: Export			82,056		6,693		88,749	
All Other Taxes			183,352		291,411		474,763	
Total General Fund			725,522		901,609		1,627,132	
Road Fund			101,609		87,221		188,830	
Library Fund					35,953		35,953	
Fire Fund					95,151		95,151	
Flood Control Fund					109,852		109,852	
Education Fund					882,366		882,366	
Total All Funds			827,131		2,112,153		2,939,284	

KERN COUNTY: JURISDICTIONAL SHARE OF PUBLIC SECTOR IMPACTS

	<-- Cities in Drainage Area -->		<-- Cities out of Drainage Area -->		<-- Unincorporated County -->		<------- Total County ------->	
RECAP OF PRIVATE SECTOR IMPACTS:	Value (Dollars)	% Share	Value (Dollars)	% Share	Value (Dollars)	% Share	Value (Dollars)	% Share
Economics ($000'87):								
Personal Income	37,116	17	169,207	77	12,615	6	218,937	100
Retail Sales	6,417	9	62,588	84	5,885	8	74,890	100
Commercial Prop. Value	0	0	195,301	21	751,481	79	946,782	100
Residential Prop. Value	265,881	23	829,702	73	47,876	4	1,143,459	100
Total Property Value	265,881	13	1,025,003	49	799,357	38	2,090,241	100
Demographics:								
Employment	6,427	26	17,453	71	868	4	24,749	100
Population	16,711	26	45,378	71	2,257	4	64,346	100
Student Population	4,163	26	11,304	71	562	4	16,029	100
Housing Count	5,947.	26	16,149	71	803	4	22,899	100
PROPERTY TAX DISTRIBUTION:								
Total (1% of Total Prop. Value)	2,658,814	100.00%	10,250,030	100.00%	7,993,567	100.00%	20,902,410	100.00%
County General Fund	676,402	25.44%	2,931,509	28.60%	2,454,025	30.70%	6,061,936	29.00%
County Library Fund	47,327	1.78%	153,750	1.50%	156,674	1.96%	357,751	1.71%
City General Fund	556,490	20.93%	3,177,509	31.00%	0	0.00%	3,733,999	17.86%
Fire District Fund	0	0.00%	0	0.00%	705,832	8.83%	705,832	3.38%
Flood Control Fund	100,769	3.79%	430,501	4.20%	525,177	6.57%	1,056,448	5.05%
Education Fund	1,277,826	48.06%	3,556,760	34.70%	4,151,858	51.94%	8,986,445	42.99%
REVENUES TO EACH JURISDICTION:								
General Fund								
Property Tax	556,490		3,177,509		6,061,936		9,795,935	
Sales Tax: Local Serving	619,486		2,420,020		63,552		3,103,058	
Sales Tax: Export	64,172		625,877		58,846		748,895	
All Other Taxes	740,363		2,243,582		3,477,399		6,461,344	
Total General Fund	1,980,511		8,466,988		9,687,665		20,135,164	
Road Fund	494,319		1,269,228		1,616,700		3,380,248	
Library Fund					374,382		374,382	
Fire Fund					705,832		705,832	
Flood Control Fund					1,056,448		1,056,448	
Education Fund					8,986,445		8,986,445	
Total All Funds	2,474,830		9,736,216		22,427,472		34,638,518	

APPENDIX TABLE 15. DETAIL OF COUNTY REVENUES

SAN JOAQUIN COUNTY

	Value/Unit (Dollars)	County Revenues (Dollars)
GENERAL FUND		
Property Tax		1,334,495
Prop Transfer Tax: City Sales	0.55	17,149
Prop Transfer Tax: Unincorp Sales	1.10	5,076
Sales Tax: Local Serving	22.24	17,887
Sales Tax: Export Case Study		5,173
Average Revenues:		
County City Population	74.40	886,639
County Unincorp. Population	89.40	71,902
Employment Based Revenues	30.17	136,586
TOTAL GENERAL FUND		2,474,908
ROAD FUND		
Average Revenues:		
County City Population	12.98	154,685
County Unincorp. Population	18.34	14,750
Employment Based Revenues	2.22	10,050
TOTAL ROAD FUND		179,486
LIBRARY FUND		
Property Tax		82,346
Average Revenues:		
County City Population	0.05	596
County Unincorp. Population	0.05	40
Employment Based Revenues	0.10	453
TOTAL LIBRARY FUND		83,434
FIRE FUND Property Tax		104,367
FLOOD CONTROL FUND Property Tax		221,339
EDUCATION FUND (K-12 GRADES)		
Property Tax to State		2,109,838
Rev. to Districts Per Student	2,800.00	8,687,827
TOTAL ALL FUNDS		5,173,373

STANISLAUS COUNTY: DETAIL OF COUNTY REVENUES

	Value/Unit (Dollars)	County Revenues (Dollars)
GENERAL FUND		
Property Tax		1,046,636
Prop Transfer Tax: City Sales	0.55	10,642
Prop Transfer Tax: Unincorp Sales	1.10	4,944
Sales Tax: Local Serving	36.08	13,433
Sales Tax: Export Case Study		7,202
Average Revenues:		
County City Population	74.90	755,644
County Unincorp. Population	89.90	33,470
Employment Based Revenues	30.28	111,929
TOTAL GENERAL FUND		1,983,901
ROAD FUND		
Average Revenues:		
County City Population	13.58	137,005
County Unincorp. Population	19.82	7,379
Employment Based Revenues	2.21	8,169
TOTAL ROAD FUND		152,553
LIBRARY FUND		
Property Tax		66,848
Average Revenues:		
County City Population	0.19	1,917
County Unincorp. Population	0.19	71
Employment Based Revenues	0.36	1,331
TOTAL LIBRARY FUND		70,167
FIRE FUND Property Tax		136,917
FLOOD CONTROL FUND Property Tax		186,461
EDUCATION FUND (K-12 GRADES)		
Property Tax to State		1,749,579
Rev. to Districts Per Student	2,800.00	7,270,769
TOTAL ALL FUNDS		4,279,577

MERCED COUNTY: DETAIL OF COUNTY REVENUES

	Value/Unit (Dollars)	County Revenues (Dollars)
GENERAL FUND		
Property Tax		1,718,296
Prop Transfer Tax: City Sales	0.55	17,029
Prop Transfer Tax: Unincorp Sales	1.10	8,232
Sales Tax: Local Serving	15.27	10,390
Sales Tax: Export Case Study		13,718
Average Revenues:		
County City Population	69.58	1,034,700
County Unincorp. Population	84.58	57,547
Employment Based Revenues	30.00	182,953
TOTAL GENERAL FUND		3,042,865
ROAD FUND		
Average Revenues:		
County City Population	19.82	294,736
County Unincorp. Population	19.57	13,315
Employment Based Revenues	5.34	32,566
TOTAL ROAD FUND		340,617
LIBRARY FUND		
Property Tax		108,732
Average Revenues:		
County City Population	0.07	1,041
County Unincorp. Population	0.07	48
Employment Based Revenues	0.12	732
TOTAL LIBRARY FUND		110,553
FIRE FUND Property Tax		222,470
FLOOD CONTROL FUND Property Tax		305,467
EDUCATION FUND (K-12 GRADES)		
Property Tax to State		2,832,870
Rev. to Districts Per Student	2,800.00	9,676,201
TOTAL ALL FUNDS		6,854,841

FRESNO COUNTY: DETAIL OF COUNTY REVENUES

	Value/Unit (Dollars)	County Revenues (Dollars)
GENERAL FUND		
Property Tax		5,615,155
Prop Transfer Tax: City Sales	0.55	51,670
Prop Transfer Tax: Unincorp Sales	1.10	26,427
Sales Tax: Local Serving	19.67	51,417
Sales Tax: Export Case Study		67,766
Average Revenues:		
County City Population	50.74	2,630,093
County Unincorp. Population	65.74	171,843
Employment Based Revenues	30.62	715,545
TOTAL GENERAL FUND		9,329,916
ROAD FUND		
Average Revenues:		
County City Population	13.30	689,402
County Unincorp. Population	21.35	55,809
Employment Based Revenues	2.51	58,655
TOTAL ROAD FUND		803,865
LIBRARY FUND		
Property Tax		335,721
Average Revenues:		
County City Population	0.11	5,702
County Unincorp. Population	0.11	288
Employment Based Revenues	0.17	3,973
TOTAL LIBRARY FUND		345,683
FIRE FUND Property Tax		712,959
FLOOD CONTROL FUND Property Tax		992,636
EDUCATION FUND (K-12 GRADES)		
Property Tax to State		8,499,422
Rev. to Districts Per Student	2,800.00	38,388,292
TOTAL ALL FUNDS		20,684,481

KINGS COUNTY: DETAIL OF COUNTY REVENUES

	Value/Unit (Dollars)	County Revenues (Dollars)
GENERAL FUND		
Property Tax		3,907,491
Prop Transfer Tax: City Sales	0.55	34,459
Prop Transfer Tax: Unincorp Sales	1.10	21,657
Sales Tax: Local Serving	18.04	18,811
Sales Tax: Export Case Study		45,929
Average Revenues:		
County City Population	74.23	2,253,940
County Unincorp. Population	89.23	93,043
Employment Based Revenues	30.01	271,621
TOTAL GENERAL FUND		6,646,950
ROAD FUND		
Average Revenues:		
County City Population	17.80	540,484
County Unincorp. Population	17.98	18,748
Employment Based Revenues	5.04	45,617
TOTAL ROAD FUND		604,849
LIBRARY FUND		
Property Tax		260,021
Average Revenues:		
County City Population	0.15	4,555
County Unincorp. Population	0.15	156
Employment Based Revenues	0.35	3,168
TOTAL LIBRARY FUND		267,900
FIRE FUND Property Tax		628,344
FLOOD CONTROL FUND Property Tax		724,192
EDUCATION FUND (K-12 GRADES)		
Property Tax to State		6,950,827
Rev. to Districts Per Student	2,800.00	20,451,072
TOTAL ALL FUNDS		15,823,063

TULARE COUNTY: DETAIL OF COUNTY REVENUES

	Value/Unit (Dollars)	County Revenues (Dollars)
GENERAL FUND		
Property Tax		596,763
Prop Transfer Tax: City Sales	0.55	4,225
Prop Transfer Tax: Unincorp Sales	1.10	3,341
Sales Tax: Local Serving	14.67	3,402
Sales Tax: Export Case Study		6,693
Average Revenues:		
County City Population	51.06	210,986
County Unincorp. Population	66.06	15,320
Employment Based Revenues	33.76	60,880
TOTAL GENERAL FUND		901,609
ROAD FUND		
Average Revenues:		
County City Population	18.90	78,097
County Unincorp. Population	15.47	3,588
Employment Based Revenues	3.07	5,536
TOTAL ROAD FUND		87,221
LIBRARY FUND		
Property Tax		35,069
Average Revenues:		
County City Population	0.12	496
County Unincorp. Population	0.12	28
Employment Based Revenues	0.20	361
TOTAL LIBRARY FUND		35,953
FIRE FUND Property Tax		95,151
FLOOD CONTROL FUND Property Tax		109,852
EDUCATION FUND (K-12 GRADES)		
Property Tax to State		882,366
Rev. to Districts Per Student	2,800.00	2,786,154
TOTAL ALL FUNDS		2,112,153

KERN COUNTY:- DETAIL OF COUNTY REVENUES

	Value/Unit (Dollars)	County Revenues (Dollars)
GENERAL FUND		
Property Tax		6,061,936
Prop Transfer Tax: City Sales	0.55	62,942
Prop Transfer Tax: Unincorp Sales	1.10	25,932
Sales Tax: Local Serving	28.16	63,552
Sales Tax: Export Case Study		58,846
Average Revenues:		
County City Population	39.03	2,423,351
County Unincorp. Population	54.03	121,936
Employment Based Revenues	35.12	869,170
TOTAL GENERAL FUND		9,687,665
ROAD FUND		
Average Revenues:		
County City Population	23.82	1,478,971
County Unincorp. Population	18.37	41,458
Employment Based Revenues	3.89	96,272
TOTAL ROAD FUND		1,616,700
LIBRARY FUND		
Property Tax		357,751
Average Revenues:		
County City Population	0.17	10,555
County Unincorp. Population	0.17	384
Employment Based Revenues	0.23	5,692
TOTAL LIBRARY FUND		374,382
FIRE FUND Property Tax		705,832
FLOOD CONTROL FUND Property Tax		1,056,448
EDUCATION FUND (K-12 GRADES)		
Property Tax to State		8,986,445
Rev. to Districts Per Student	2,800.00	44,882,095
TOTAL ALL FUNDS		22,427,472

APPENDIX TABLE 16. COMPARISON OF COUNTY REVENUE IMPACTS TO TOTAL COUNTY

SAN JOAQUIN COUNTY	Study Area Impact (Dollars)	Total County (Dollars)	Impact as % of Total
GENERAL FUND			
Property Tax	1,334,495	52,338,444	2.55
Prop Transfer Tax	22,225	913,517	2.43
Sales Tax	23,060	6,051,415	0.38
Average Revenues	1,095,127	40,353,909	2.71
TOTAL GENERAL FUND	2,474,908	99,657,285	2.48
ROAD FUND Average Revenues	179,486	6,931,599	2.59
TOTAL BOTH FUNDS	2,654,393	106,588,884	2.49

Subtotals may not add up to totals due to rounding.

STANISLAUS COUNTY	Study Area Impact (Dollars)	Total County (Dollars)	Impact as % of Total
GENERAL FUND			
Property Tax	1,046,636	26,964,970	3.88
Prop Transfer Tax	15,587	787,303	1.98
Sales Tax	20,635	7,078,252	0.29
Average Revenues	901,043	30,010,881	3.00
TOTAL GENERAL FUND	1,983,901	64,841,406	3.06
ROAD FUND Average Revenues	152,553	5,397,040	2.83
TOTAL BOTH FUNDS	2,136,453	70,238,446	3.04

MERCED COUNTY	Study Area Impact (Dollars)	Total County (Dollars)	Impact as % of Total
GENERAL FUND			
Property Tax	1,718,296	15,476,149	11.10
Prop Transfer Tax	25,261	254,438	9.93
Sales Tax	24,108	2,085,285	1.16
Average Revenues	1,275,200	14,682,374	8.69
TOTAL GENERAL FUND	3,042,865	32,498,246	9.36
ROAD FUND Average Revenues	340,617	3,667,864	9.29
TOTAL BOTH FUNDS	3,383,482	36,166,110	9.36

FRESNO COUNTY	Study Area Impact (Dollars)	Total County (Dollars)	Impact as % of Total
GENERAL FUND			
Property Tax	5,615,155	62,605,150	8.97
Prop Transfer Tax	78,097	1,063,936	7.34
Sales Tax	119,183	6,219,675	1.92
Average Revenues	3,517,482	40,937,572	8.59
TOTAL GENERAL FUND	9,329,916	110,826,333	8.42
ROAD FUND Average Revenues	803,865	9,974,728	8.06
TOTAL BOTH FUNDS	10,133,781	120,801,061	8.39

KINGS COUNTY	Study Area Impact (Dollars)	Total County (Dollars)	Impact as % of Total
GENERAL FUND			
Property Tax	3,907,491	9,022,231	43.31
Prop Transfer Tax	56,115	140,025	40.08
Sales Tax	64,740	1,316,049	4.92
Average Revenues	2,618,604	8,145,101	32.15
TOTAL GENERAL FUND	6,646,950	18,623,406	35.69
ROAD FUND Average Revenues	604,849	1,773,524	34.10
TOTAL BOTH FUNDS	7,251,799	20,396,930	35.55

TULARE COUNTY	Study Area Impact (Dollars)	Total County (Dollars)	Impact as % of Total
GENERAL FUND			
Property Tax	596,763	28,391,620	2.10
Prop Transfer Tax	7,566	402,498	1.88
Sales Tax	10,095	4,058,694	0.25
Average Revenues	287,186	21,150,802	1.36
TOTAL GENERAL FUND	901,609	54,003,614	1.67
ROAD FUND Average Revenues	87,221	5,465,006	1.60
TOTAL BOTH FUNDS	988,830	59,468,620	1.66

KERN COUNTY	Study Area Impact (Dollars)	Total County (Dollars)	Impact as % of Total
GENERAL FUND			
Property Tax	6,061,936	102,856,213	5.89
Prop Transfer Tax	88,875	1,175,528	7.56
Sales Tax	122,398	14,476,791	0.85
Average Revenues	3,414,457	30,499,762	11.20
TOTAL GENERAL FUND	9,687,665	149,008,294	6.50
ROAD FUND Average Revenues	1,616,700	11,782,228	13.72
TOTAL BOTH FUNDS	11,304,366	160,790,522	7.03

APPENDIX TABLE 17. DETAIL OF CITY REVENUES

SAN JOAQUIN COUNTY	<----- Cities in Drainage Area ----->		<--- Cities out of Drainage Area --->	
	Value/Unit (Dollars)	Revenues (Dollars)	Value/Unit (Dollars)	Revenues (Dollars)
GENERAL FUND				
Property Tax		385,950		544,688
Property Transfer Tax	0.55	9,257	0.55	7,893
Sales Tax: Local Serving	32.00	226,929	42.59	205,525
Sales Tax: From Cities in DA			10.59	75,099
Sales Tax: From Unincorp. Area			20.35	16,367
Sales Tax: Export Case Study		27,947		31,037
Franchise Tax Per Capita	14.31	101,480	9.29	44,830
Cigarette Tax @ 2% + $1 Per Cap.		12,189		11,386
Motor Veh. in Lieu Tax: Per Cap.	30.28	214,732	31.24	150,753
TOTAL GENERAL FUND		978,483		1,087,578
ROAD FUND				
Gas Tax: Per Cap.	25.49	180,763	14.77	71,275
Vehicle Code Fines: Per Cap.	4.39	31,132	2.68	12,933
TOTAL ROAD FUND		211,895		84,208
TOTAL BOTH FUNDS		1,190,378		1,171,786

STANISLAUS COUNTY	<----- Cities in Drainage Area ----->		<--- Cities out of Drainage Area --->	
	Value/Unit (Dollars)	Revenues (Dollars)	Value/Unit (Dollars)	Revenues (Dollars)
GENERAL FUND				
Property Tax		306,629		214,513
Property Transfer Tax	0.55	7,651	0.55	2,992
Sales Tax: Local Serving	29.37	230,699	42.05	93,931
Sales Tax: From Cities in DA			12.68	99,600
Sales Tax: From Unincorp. Area			5.97	2,223
Sales Tax: Export Case Study		41,310		43,213
Franchise Tax Per Capita	8.98	70,537	8.32	18,585
Cigarette Tax @ 2% + $1 Per Cap.		13,295		7,013
Motor Veh. in Lieu Tax: Per Cap.	29.35	230,542	30.77	68,734
TOTAL GENERAL FUND		900,662		550,804
ROAD FUND				
Gas Tax: Per Cap.	32.90	258,426	29.31	65,473
Vehicle Code Fines: Per Cap.	4.54	35,661	5.08	11,348
TOTAL ROAD FUND		294,088		76,820
TOTAL BOTH FUNDS		1,194,750		627,625

MERCED COUNTY	<----- Cities in Drainage Area ----->		<--- Cities out of Drainage Area --->	
	Value/Unit (Dollars)	Revenues (Dollars)	Value/Unit (Dollars)	Revenues (Dollars)
GENERAL FUND				
Property Tax		460,038		418,012
Property Transfer Tax	0.55	11,263	0.55	5,765
Sales Tax: Local Serving	30.39	327,857	34.57	141,126
Sales Tax: From Cities in DA			4.18	45,095
Sales Tax: From Unincorp. Area			19.30	13,131
Sales Tax: Export Case Study		78,286		82,311
Franchise Tax Per Capita	6.96	75,087	7.20	29,393
Cigarette Tax @ 2% + $1 Per Cap.		18,911		9,716
Motor Veh. in Lieu Tax: Per Cap.	31.95	344,687	31.28	127,695
TOTAL GENERAL FUND		1,316,130		872,244
ROAD FUND				
Gas Tax: Per Cap.	25.78	278,123	22.45	91,648
Vehicle Code Fines: Per Cap.	3.66	39,485	4.04	16,493
TOTAL ROAD FUND		317,608		108,141
TOTAL BOTH FUNDS		1,633,738		980,385

FRESNO COUNTY	<----- Cities in Drainage Area ----->		<--- Cities out of Drainage Area --->	
	Value/Unit (Dollars)	Revenues (Dollars)	Value/Unit (Dollars)	Revenues (Dollars)
GENERAL FUND				
Property Tax		609,068		2,597,109
Property Transfer Tax	0.55	16,005	0.55	35,665
Sales Tax: Local Serving	25.02	495,801	49.81	1,594,842
Sales Tax: From Cities in DA			24.79	491,244
Sales Tax: From Unincorp. Area			30.14	78,785
Sales Tax: Export Case Study		134,181		667,396
Franchise Tax Per Capita	4.50	89,173	6.11	195,633
Cigarette Tax @ 2% + $1 Per Cap.		32,416		88,664
Motor Veh. in Lieu Tax: Per Cap.	32.20	638,082	30.54	977,846
TOTAL GENERAL FUND		2,014,725		6,727,184
ROAD FUND				
Gas Tax: Per Cap.	20.88	413,762	13.23	423,605
Vehicle Code Fines: Per Cap.	6.99	138,515	3.45	110,464
TOTAL ROAD FUND		552,277		534,069
TOTAL BOTH FUNDS		2,567,003		7,261,253

KINGS COUNTY	<----- Cities in Drainage Area ----->		<--- Cities out of Drainage Area --->	
	Value/Unit (Dollars)	Revenues (Dollars)	Value/Unit (Dollars)	Revenues (Dollars)
GENERAL FUND				
Property Tax		1,417,444		
Property Transfer Tax	0.55	34,459		
Sales Tax: Local Serving	35.03	1,063,661		
Sales Tax: From Cities in DA				
Sales Tax: From Unincorp. Area	16.99	17,716		
Sales Tax: Export Case Study		562,882		
Franchise Tax Per Capita	6.89	209,210		
Cigarette Tax @ 2% + $1 Per Cap.		63,249		
Motor Veh. in Lieu Tax: Per Cap.	29.69	901,515		
TOTAL GENERAL FUND		4,270,136		
ROAD FUND				
Gas Tax: Per Cap.	13.23	401,719		
Vehicle Code Fines: Per Cap.	3.45	104,757		
TOTAL ROAD FUND		506,476		
TOTAL BOTH FUNDS		4,776,612		

TULARE COUNTY	<----- Cities in Drainage Area ----->		<--- Cities out of Drainage Area --->	
	Value/Unit (Dollars)	Revenues (Dollars)	Value/Unit (Dollars)	Revenues (Dollars)
GENERAL FUND				
Property Tax				288,259
Property Transfer Tax			0.55	4,225
Sales Tax: Local Serving			41.59	171,855
Sales Tax: From Cities in DA				0
Sales Tax: From Unincorp. Area			26.92	6,243
Sales Tax: Export Case Study				82,056
Franchise Tax Per Capita			7.73	31,941
Cigarette Tax @ 2% + $1 Per Cap.				9,335
Motor Veh. in Lieu Tax: Per Cap.			31.85	131,608
TOTAL GENERAL FUND				725,522
ROAD FUND				
Gas Tax: Per Cap.			20.92	86,444
Vehicle Code Fines: Per Cap.			3.67	15,165
TOTAL ROAD FUND				101,609
TOTAL BOTH FUNDS				827,131

KERN COUNTY	<----- Cities in Drainage Area ----->		<--- Cities out of Drainage Area --->	
	Value/Unit (Dollars)	Revenues (Dollars)	Value/Unit (Dollars)	Revenues (Dollars)
GENERAL FUND				
Property Tax		556,490		3,177,509
Property Transfer Tax	0.55	14,623	0.55	48,319
Sales Tax: Local Serving	37.07	619,486	53.33	2,420,020
Sales Tax: From Cities in DA			16.26	271,725
Sales Tax: From Unincorp. Area			25.17	56,804
Sales Tax: Export Case Study		64,172		625,877
Franchise Tax Per Capita	8.90	148,730	7.19	326,269
Cigarette Tax @ 2% + $1 Per Cap.		30,384		112,867
Motor Veh. in Lieu Tax: Per Cap.	32.71	546,625	31.46	1,427,598
TOTAL GENERAL FUND		1,980,511		8,466,988
ROAD FUND				
Gas Tax: Per Cap.	25.84	431,819	23.37	1,060,489
Vehicle Code Fines: Per Cap.	3.74	62,500	4.60	208,740
TOTAL ROAD FUND		494,319		1,269,228
TOTAL BOTH FUNDS		2,474,830		9,736,216

APPENDIX TABLE 18. COMPARISON OF CITY REVENUE IMPACTS TO TOTAL CITY

SAN JOAQUIN COUNTY	<-------------- Cities in Drainage Area		-------------->	<------------ Cities out of Drainage Area		------------>
	Study Area Impact	Total City	Impact as % of Total	Study Area Impact	Total. City	Impact as % of Total
GENERAL FUND						
Property Tax	385,950	2,071,024	18.64	544,688	11,803,835	4.61
Property Transfer Tax	9,257	70,699	13.09	7,893	524,522	1.50
Sales Tax	254,876	1,840,066	13.85	328,028	24,376,133	1.35
Franchise Tax	101,480	411,301	24.67	44,830	2,658,380	1.69
Cigarette Tax	12,189	66,636	18.29	11,386	735,510	1.55
Motor Veh. in Lieu Tax	214,732	870,686	24.66	150,753	8,940,092	1.69
TOTAL GENERAL FUND	978,483	5,330,412	18.36	1,087,578	49,038,472	2.22
ROAD FUND						
Gas Tax	180,763	732,732	24.67	71,275	4,226,750	1.69
Vehicle Code Fines	31,132	126,247	24.66	12,933	766,604	1.69
TOTAL ROAD FUND	211,895	858,979	24.67	84,208	4,993,354	1.69
TOTAL BOTH FUNDS	1,190,378	6,189,391	19.23	1,171,786	54,031,826	2.17

STANISLAUS COUNTY	<-------------- Cities in Drainage Area		-------------->	<------------ Cities out of Drainage Area		------------>
	Study Area Impact	Total City	Impact as % of Total	Study Area Impact	Total City	Impact as % of Total
GENERAL FUND						
Property Tax	306,629	462,293	66.33	214,513	8,521,835	2.52
Property Transfer Tax	7,651	19,226	39.79	2,992	443,985	0.67
Sales Tax	272,009	593,285	45.85	238,968	18,922,082	1.26
Franchise Tax	70,537	90,726	77.75	18,585	1,872,014	0.99
Cigarette Tax	13,295	22,425	59.29	7,013	570,686	1.23
Motor Veh. in Lieu Tax	230,542	296,446	77.77	68,734	6,922,858	0.99
TOTAL GENERAL FUND	900,662	1,484,401	60.68	550,804	37,253,460	1.48
ROAD FUND						
Gas Tax	258,426	332,329	77.76	65,473	6,594,497	0.99
Vehicle Code Fines	35,661	45,893	77.71	11,348	1,142,869	0.99
TOTAL ROAD FUND	294,088	378,222	77.76	76,820	7,737,366	0.99
TOTAL BOTH FUNDS	1,194,750	1,862,623	64.14	627,625	44,990,826	1.40

MERCED COUNTY	<-------------- Cities in Drainage Area -------------->			<------------ Cities out of Drainage Area ------------>		
	Study Area Impact	Total City	Impact as % of Total	Study Area Impact	Total City	Impact as % of Total
GENERAL FUND						
Property Tax	460,038	860,261	53.48	418,012	3,153,099	13.26
Property Transfer Tax	11,263	18,352	61.37	5,765	77,099	7.48
Sales Tax	406,143	1,260,542	32.22	281,663	5,499,258	5.12
Franchise Tax	75,087	144,339	52.02	29,393	573,069	5.13
Cigarette Tax	18,911	46,152	40.98	9,716	192,904	5.04
Motor Veh. in Lieu Tax	344,687	662,590	52.02	127,695	2,488,058	5.13
TOTAL GENERAL FUND	1,316,130	2,992,236	43.98	872,244	11,983,487	7.28
ROAD FUND						
Gas Tax	278,123	534,605	52.02	91,648	1,786,220	5.13
Vehicle Code Fines	39,485	75,909	52.02	16,493	321,126	5.14
TOTAL ROAD FUND	317,608	610,514	52.02	108,141	2,107,346	5.13
TOTAL BOTH FUNDS	1,633,738	3,602,750	45.35	980,385	14,090,833	6.96

FRESNO COUNTY	<-------------- Cities in Drainage Area -------------->			<------------ Cities out of Drainage Area ------------>		
	Study Area Impact	Total City	Impact as % of Total	Study Area Impact	Total City	Impact as % of Total
GENERAL FUND						
Property Tax	609,068	612,334	99.47	2,597,109	28,735,735	9.04
Property Transfer Tax	16,005	6,040	264.99	35,665	469,201	7.60
Sales Tax	629,983	1,224,316	51.46	2,832,267	42,175,858	6.72
Franchise Tax	89,173	110,044	81.03	195,633	2,586,473	7.56
Cigarette Tax	32,416	51,661	62.75	88,664	1,121,270	7.91
Motor Veh. in Lieu Tax	638,082	787,985	80.98	977,846	12,932,133	7.56
TOTAL GENERAL FUND	2,014,725	2,792,380	72.15	6,727,184	88,020,670	7.64
ROAD FUND						
Gas Tax	413,762	510,969	80.98	423,605	7,511,946	5.64
Vehicle Code Fines	138,515	170,982	81.01	110,464	749,514	14.74
TOTAL ROAD FUND	552,277	681,951	80.98	534,069	8,261,460	6.46
TOTAL BOTH FUNDS	2,567,003	3,474,331	73.88	7,261,253	96,282,130	7.54

KINGS COUNTY	<--------------- Cities in Drainage Area		--------------->
	Study Area Impact	Total City	Impact as % of Total
GENERAL FUND			
Property Tax	1,417,444	2,052,740	69.05
Property Transfer Tax	34,459	43,015	80.11
Sales Tax	1,626,543	3,890,251	41.81
Franchise Tax	209,210	382,369	54.71
Cigarette Tax	63,249	124,755	50.70
Motor Veh. in Lieu Tax	901,515	1,648,321	54.69
TOTAL GENERAL FUND	4,270,136	8,141,451	52.45
ROAD FUND			
Gas Tax	401,719	734,608	54.68
Vehicle Code Fines	104,757	191,742	54.63
TOTAL ROAD FUND	506,476	926,350	54.67
TOTAL BOTH FUNDS	4,776,612	9,067,801	52.68

TULARE COUNTY	<------------- Cities out of Drainage Area		------------->
	Study Area Impact	Total City	Impact as % of Total
GENERAL FUND			
Property Tax	288,259	5,860,357	4.92
Property Transfer Tax	4,225	197,903	2.13
Sales Tax	260,154	13,021,868	2.00
Franchise Tax	31,941	1,210,484	2.64
Cigarette Tax	9,335	408,490	2.29
Motor Veh. in Lieu Tax	131,608	4,985,766	2.64
TOTAL GENERAL FUND	725,522	25,684,868	2.82
ROAD FUND			
Gas Tax	86,444	3,274,335	2.64
Vehicle Code Fines	15,165	574,250	2.64
TOTAL ROAD FUND	101,609	3,848,585	2.64
TOTAL BOTH FUNDS	827,131	29,533,453	2.80

KERN COUNTY	<-------------- Cities in Drainage Area	--------------	-------------->	<------------ Cities out of Drainage Area	------------	------------>
	Study Area Impact	Total City	Impact as % of Total	Study Area Impact	Total City	Impact as % of Total
GENERAL FUND						
Property Tax	556,490	752,333	73.97	3,177,509	16,204,473	19.61
Property Transfer Tax	14,623	13,474	108.53	48,319	341,076	14.17
Sales Tax	683,658	1,941,740	35.21	3,374,425	24,333,425	13.87
Franchise Tax	148,730	233,005	63.83	326,269	1,640,220	19.89
Cigarette Tax	30,384	62,984	48.24	112,867	662,182	17.04
Motor Veh. in Lieu Tax	546,625	856,707	63.81	1,427,598	7,178,214	19.89
TOTAL GENERAL FUND	1,980,511	3,860,243	51.31	8,466,988	50,359,590	16.81
ROAD FUND						
Gas Tax	431,819	676,678	63.81	1,060,489	5,331,012	19.89
Vehicle Code Fines	62,500	97,874	63.86	208,740	1,049,902	19.88
TOTAL ROAD FUND	494,319	774,552	63.82	1,269,228	6,380,914	19.89
TOTAL BOTH FUNDS	2,474,830	4,634,795	53.40	9,736,216	56,740,504	17.16

P00001861